

Bundle Academic Partnership Committee Open 25 October 2022

Agenda attachments

ITEM 00 APC Agenda.docx

- 1 09:30 - Chair's welcome, apologies and confirmation of quorum
- 2 Declarations of Interest
- 3 Minutes of last meeting
 - Item 03 UNCONFIRMED APC MINUTES JULY 2022 - JB Comments.doc
- 4 Action log
 - Item 04 APC ACTION LOG UPDATED FOLLOWING JULY MEETING.xlsx
- 5 09:40 - Cycle of business
 - Item 05 SBAR Cycles of Business - Sept 22.docx
 - Item 05.1 APC Cycle of Business v.01.pdf
- 6 09:50 - Mid year University Trust Status Review
 - Item 06 UniversityDesignationInterimReportingOct22APC.docx
 - Item 06.1 UTSinterimreportingOct22FINAL.pdf
- 7 10:20 - Mapping of engagement interfaces
 - Item 07 APCMappingInterfacesOct22.docx
 - Item 7.1 RI Project Tracker Sept 2022.xlsx
- 8 10:40 - Update against Committee priorities
 - Item 08 APC Committee Priorities October 22.docx
- 9 10:45 - Key messages for Board
- 10 Any other business
- 11 Date and time of next meeting - 17 January 2023 at 09:30



MEETING OF THE ACADEMIC PARTNERSHIP COMMITTEE

Held in public on 25 October 2022 from 09.30

Meeting held via Teams

AGENDA

No.	Agenda Item	Purpose	Lead	Format	Time
OPENING ITEMS					
1.	Chair's welcome, apologies, and confirmation of quorum	Information	Kevin Davies	Verbal	10 mins
2.	Declarations of interest	Information	Kevin Davies	Verbal	
3.	Minutes of last meeting	Approval	Kevin Davies	Paper	
4.	Action log	Review	Kevin Davies	Paper	
ITEMS FOR APPROVAL, ASSURANCE AND DISCUSSION					
5.	Cycle of Business	Approval	Trish Mills	Paper	10 Mins
6.	Mid Year University Trust Status Review for WG	Information	Estelle Hitchon	Paper	30 mins
7.	Mapping of Engagement Interfaces	Discussion	Estelle Hitchon	Paper	20 mins
CONSENT ITEMS					
The items that follow are for information only. Should a member wish to discuss any of these items they are requested to notify the Chair so that time may be allocated to do so.					
8.	Update against Committee Priorities	Information	Tish Mills	Paper	5 mins
CLOSING ITEMS					
9.	Key messages for Board	Discussion	Kevin Davies	Verbal	5 mins
10.	Any other business	Discussion		Verbal	
11.	Date and time of next meeting 17 January 2023	Information		Verbal	

Lead Presenters

Name	Position
Prof Kevin Davies	Non Executive Director (Chair)
Ms Estelle Hitchon	Director of Partnerships and Engagement
Mrs Trish Mills	Board Secretary



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WELSH AMBULANCE SERVICES NHS TRUST

UNCONFIRMED MINUTES OF THE OPEN MEETING OF THE ACADEMIC PARTNERSHIP COMMITTEE OF THE WELSH AMBULANCE SERVICES NHS TRUST HELD ON TUESDAY 19 JULY 2022 VIA TEAMS

MEMBERS :

Kevin Davies	Non Executive Director and Chair
Paul Hollard	Non Executive Director
Hannah Rowan	Non Executive Director

IN ATTENDANCE :

Julie Boalch	Head of Risk/Deputy Board Secretary
Catherine Goodwin	Interim Director of Workforce and OD
Estelle Hitchon	Director of Partnerships and Engagement
Jo Kelso	Head of Education Transformation
Mark Marsden	Trade Union Partner
Jeff Prescott	Corporate Governance Officer
Keith Rogers	TU Partner
Leanne Smith	Assistant Director of Digital

APOLOGIES:

Trish Mills	Board Secretary
Duncan Robertson	Interim Assistant Director of Research, Audit & Service Improvement
Andy Swinburn	Director of Paramedicine
Jonathan Turnbull-Ross	Assistant Director of Quality Governance
Martin Turner	Non Executive Director

35/22 WELCOME AND INTRODUCTION

The Chair welcomed everyone to the meeting, noting that the meeting was originally intended to be face to face in Swansea; however, had reverted to a virtual meeting due to the current pressures being faced by the Trust.

Members introduced themselves as it was the first meeting for both Leanne Smith and Keith Rogers.

36/22 DECLARATIONS OF INTEREST

The standing declaration of interest of Professor Kevin Davies being an independent Trustee of St John Ambulance Cymru was recorded. It was also noted he was a Professor of the

University of South Wales.

Hannah Rowan declared a working relationship with Cardiff Metropolitan University Education Department.

37/22 MINUTES OF THE LAST MEETING

The minutes of the meeting held on 26 April 2022 were approved as a correct record.

38/22 ACTION LOG

11/21 – Universities Wales letter of invitation – The Director of Partnerships and Engagement agreed to update members as part of the update at agenda item 5. The action was closed.

07/22 – Trust Priorities aligned with the ITMP - The priorities are mapped to the IMTP with the Finance and Performance Committee monitoring these, with exception reporting to this Committee if needed. The action was closed.

RESOLVED: That

1) 11/21 would be discussed as part of the agenda; and

2) 07/22 action was complete and could be closed.

39/22 DIRECTOR OF PARTNERSHIPS AND ENGAGEMENT UPDATE

The Director of Partnerships and Engagement began by updating members on the correspondence with Ben Arnold from Universities Wales and that a response was still awaited to allow the Committee to move forward with engaging an all Wales university representative.

At a recent event, it was recognised that a Health Board with a similar Academic Partnership Committee had secured multiple Higher Education partners and managed any potential conflicts of interest with strong governance.

It was suggested that the Chair, Director of Partnerships and Engagement, the Board Secretary, the Head of Education and Head of Risk/Deputy Board Secretary meet to discuss how best to approach universities and develop the relationships.. Members were keen to secure volunteers who would be willing to work with the Trust and look at the opportunities available.

The Director of Partnerships and Engagement continued to apprise members on the progress to date of mapping the engagement interfaces across the Trust, in order to review where relationships already existed. It was agreed that the full mapping exercise would be considered at the next meeting.

Members discussed and agreed that a primary Welsh University representative would be key to the Committee however also it was also agreed that to ensure best fit, innovation and relationship building, a national representative for niche areas could be considered.

The Director of Partnerships and Engagement had attended a recent University and Designation Showcase event involving all health organisations across Wales. Of those

organisations who already held university status, it would be a requirement from this year for them to provide a mid year review of their priorities in relation to activity and outcomes. This would be in addition to the routine IMTP monitoring reports that were also required. The Trust was also required to provide an update on its priorities as set out within the application for university status. It was anticipated that the report would need to be submitted early October to cover the April to September period.

The Head of Education reiterated the focus needed to be on improving the service through innovation, research, training and education.

Following a discussion on qualifications issued by institutions and the need to explore opportunities for innovation and improvement and connection with high quality, action research which can be applied in practice. The Chair asked the TU Partners to relay to colleagues the opportunities that university status/partnerships would bring to ensure that all staff felt included regardless of their academic status or ambition.

RESOLVED: That

- 1) a small group meet to discuss the way forward in approaching universities;**
- 2) the full mapping of engagement interfaces be brought to the next meeting; and**
- 3) a mid year review of priorities in relation to activity and outcome be presented to the Trust Board in September.**

40/22 PRIORITY ONE: DIGITISATION ENABLING BETTER OUTCOMES: DIGITAL OPPORTUNITIES

The Assistant Director of Digital set out the ambition to build on the work already ongoing within the Trust with regard to digital opportunities in partnership with academia.

The Assistant Director presented to the Committee on what successful partnerships look like and where potential opportunities may lie. The presentation included the Great Ormond Street Innovation Accelerator Data, Research, Innovation and Virtual Environments Unit (DRIVE) which was a data management platform. The innovation element involved staff across different sectors being able to turn ideas into implementation.

The University College London Industry Exchange Network was another example which saw students engage with industry as part of their computer science degrees.

With regard to opportunities, the Director confirmed that in order to engage with partners, problem areas first needed to be identified to look at the fields such as accessibility, efficiency, quality and equity for future engagement, aligning it with the Trust's strategy and aims. With these areas the potential digital interests such as speech recognition and artificial intelligence could be explored further.

There were a number of organisations who were keen to, or had previously collaborated with the Trust from a digital angle. The potential forms of collaboration were in education and training, research and innovation and industry/academic partnerships to problem solve.

The Assistant Director noted that the areas that the Trust would be seeking partnership with, could be pitched to academia who would welcome the opportunity to work with the Trust to provide solutions. It was noted that currently the Trust did not have the capacity to support

innovation streams.

Members welcomed the presentation and asked the Director of Partnerships and Engagement to contact a member of the WIIN team to liaise with Great Ormond Street team to look at what could be learnt. Members also requested that digital opportunities be highlighted across the Trust with a potential session for Board members at a development day.

RESOLVED: That

1) the Director of Partnerships and Engagement ask a member of the WIIN team to contact Great Ormond Street and look at opportunities for learning; and

2) the Interim Director of Digital liaise with the Board Secretary on holding a Board Development session to explore digital partnership opportunities.

41/22 KEY MESSAGES FOR BOARD

- 1) Development opportunities for digitisation across the Trust for a Board Development session
- 2) links with Academia to be established
- 3) emphasising the ambition, opportunities and development for career development for all staff
- 4) mid year review of university priorities to September Board for sight and sign off.
- 5) board be sighted on the change of process to progress an academic representative

42/22 DATE OF NEXT MEETING:

25 October 2022

Open
Complete
Closed
Not Due



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AGENDA ITEM No	5
OPEN or CLOSED	Open
No of ANNEXES ATTACHED	

COMMITTEE CYCLES OF BUSINESS

MEETING	Academic Partnerships Committee
DATE	25 October 2022
EXECUTIVE	Trish Mills, Board Secretary
AUTHOR	Trish Mills, Board Secretary
CONTACT	Trish.mills@wales.nhs.uk

EXECUTIVE SUMMARY

1. Development of the cycle of business for this committee is the final step in the 2021/22 effectiveness reviews that were conducted in Q4.
2. The cycle has been developed with direct correlation to the duties in the terms of reference. This will allow members to review the appropriateness of the proposed reports and their frequency.
3. The cycle for the Committee is a maturing document which will grow organically over the next 12 months.

RECOMMENDATION:

4. The Committee is asked to review the cycles of business, propose any amendments, and approve it as a first version.

KEY ISSUES/IMPLICATIONS

5. The cycle for the Committee is a maturing document which will grow organically over the next 12 months. It reflects the maturing University Trust Status journey and the fact that this is a newly established committee that approaches its remit with a mixture of **scrutiny** (particularly with respect to refreshed UTS priorities, obtaining and maintaining UTS status), **partnering** (ensuring the right partners are on the Committee, that appropriate arrangements are in place with partners), **connecting** (existing and new partners to research/programmes of work in WAST), and **inquisitorial** (drilling down into elements of the priorities and other programmes where we are partnering with academic and industry to foster and promote).

REPORT APPROVAL ROUTE
N/A

REPORT APPENDICIES
Annex 1 – Cycle of business 2022/23

REPORT CHECKLIST			
Confirm that the issues below have been considered and addressed		Confirm that the issues below have been considered and addressed	
EQIA (Inc. Welsh language)	NA	Financial Implications	NA
Environmental/Sustainability	NA	Legal Implications	NA
Estate	NA	Patient Safety/Safeguarding	NA
Ethical Matters	NA	Risks (Inc. Reputational)	NA
Health Improvement	NA	Socio Economic Duty	NA
Health and Safety	NA	TU Partner Consultation	NA

CYCLES OF BUSINESS

SITUATION

6. The purpose of this paper is to provide the Committee with a draft cycle of business as the final step in the 2021/22 effectiveness review process.

BACKGROUND

7. The Board carried out its effectiveness review in Quarters 4 2021/22. This included a review of its terms of reference, amendments to which were approved by the Trust Board in May 2022.
8. The final step in the effectiveness review process is the development a cycle of business for the Committee and a review of its sub-committee structure.

ASSESSMENT

Cycle of Business

9. A cycle of business provides order and structure and sets a Committee work plan for the year. This, together with the Board Assurance Framework, should drive agenda setting. It also:
 - 9.1. allows papers to be planned in advance, giving Directors and report writers the opportunity to plan necessary pre-committee forums and align cycles of business;
 - 9.2. schedules compliance related reports according to legislative or regulatory timeframes;
 - 9.3. provides focus for reporting and an opportunity to see where there may be duplication, gaps, and interrelationships;
 - 9.4. generates commitment to review matters that may sometimes be vulnerable to postponement;
 - 9.5. allows for easy tracking of the Committee's adherence to the cycle which is a marker of an effective Committee;
 - 9.6. provides for a collective awareness and agreement of the areas where it applies its focus on an annual basis; and
 - 9.7. removes the ad hoc elements of agenda setting.
10. Whilst it is inevitable that other items will arise from time to time, the cycle allows them to be prioritised - perhaps coming later on the agenda.
11. The cycle of business at **Annex 1** includes further detail on the pre-committee forums, lead presenters, purpose of reports and any relevant and/or helpful commentary. There is also a notes tab for running commentary helpful for the

Committee. The cycle includes each of the duties for the Committee in the terms of reference (in red text) so members can see and demonstrate that the reporting expected for each area will in fact provide appropriate assurance, generate discussion, and allow for the right balance of challenge and support.

12. The cycle for the Committee is a maturing document which will grow organically over the next 12 months. It reflects the maturing University Trust Status journey and the fact that this is a newly established committee that approaches its remit with a mixture of **scrutiny** (particularly with respect to refreshed UTS priorities, obtaining and maintaining UTS status), **partnering** (ensuring the right partners are on the Committee, that appropriate arrangements are in place with partners), **connecting** (existing and new partners to research/programmes of work in WAST), and **inquisitorial** (drilling down into elements of the priorities and other programmes where we are partnering with academic and industry to foster and promote).

Sub-Committees

13. There are no sub-committees reporting into this Committee.

RECOMMENDATION

14. The Committee is asked to review the cycles of business, propose any amendments, and approve it as a first version.

PAPER	PRE or POST-C'EE FORUM	FREQUENCY	Q1	Q2	Q3	Q4	LEAD	PURPOSE	COMMENT/COMPLIANCE
ACADEMIC PARTNERSHIP COMMITTEE - CYCLE OF BUSINESS 2022/23									
 Cycled for each meeting Prompt at agenda setting. May not be regularly cycled									
TERMS OF REFERENCE NOTED IN RED TEXT									
3.1 Promote and support the exploration of opportunities with higher and further education, wider education providers and commercial partners across and beyond Wales to: a) develop collaborative activities in relation to clinical and non-clinical services, research, and development, teaching and education, innovation and improvement, and commercial opportunities; and b) influence programme design									
3.2 Promote and support collaboration with key partners in health, social care, local authorities, and the third sector, as well as patients and patient representative groups, developing opportunities for widening access and increasing participation in health and social care education amongst local communities									
Ongoing and continuous support from Committee							All members	N/A	
3.3 Ensure appropriate arrangements are in place with partner organisations that establishes role, responsibilities and expectations, and supports the achievement of the highest standards of health, clinical care, research, innovation and health care education. Depending on the nature of the projects the risk to the parties should be understood and the appropriate mitigated action taken.									
Review partnership agreements	TBC	As Required					Relevant Director	Endorsement	Overarching agreements with academic partners, where they exist, are appropriate
3.4 Oversee and contribute to the development of submissions to Welsh Government for University Trust Status and ensure the ongoing maintenance of that status and compliance with any conditions from Welsh Government									
Initial UTS application and any renewals	EMT and Board	As Required					DPE	Endorsement	
Review compliance reporting	EMT and Board	Annually					DPE	Assurance	
3.5 Review and agree programmes of work aligned to University Trust Status, ensuring that they: a) explore and identify opportunities for the development of the whole workforce; b) are appropriately resources, and where possible maximise the benefits of shared resources and expertise, and availability of grants; c) are clear where Board level scrutiny will take place, whether that is that this Committee or another Board Committee, to avoid duplication and support coalescence of Board oversight									
3.6 Monitor plans to build capacity for the whole workforce whether they be in a clinical, professional, or corporate role, to participate in research; that opportunities to do so are being promoted; and that the workforce is encouraged to be professionally inquisitive									
UTS Priorities in IMTP	STB and Board	Annually					Relevant Director	Endorsement	Review UTS specific priorities ahead of their inclusion in the IMTP. Review against (a) to (c) in 3.5 and against 3.6. See notes tab
Exception reporting on UTS priorities	TBC	As Required					Relevant Director	Assurance	F&P Committee has overall oversight of IMTP, however where priority is off track or rebaselined Director may report here
Deep dive on priority (and other) elements		As required					Relevant Director	Assurance/Information	As part of the inquisitorial nature of the Committee, drill down into elements of priorities and other programmes where we are partnering with academic a d industry to foster and promote.
3.7 Corporate Risks are identified and appropriately managed; CRR and BAF risks for their remit are presented and Committee is assured on progress and ratings: Audit Recommendation Tracker									
Board Assurance Framework	EMT	Each meeting					BS	Assurance	TBC risks in the purview of the Committee (query research, innovation, academic partners)
Corporate Risk Register	EMT	Each meeting					BS	Assurance	TBC risks in the purview of the Committee (query research, innovation, academic partners)
Audit Recommendation Tracker		Each meeting					BS	Assurance	
Audits within purview of Committee		Ad Hoc					BS	Assurance	
GOVERNANCE									
Committee effectiveness review annual report	Audit/Board	Annually					BS	Approval	
Review of Terms of Reference	Audit/Board	Annually					BS	Approval	
Committee Cycle of Business	Audit/Board	Annually					BS	Approval	
Committee Review of Annual Priorities	None	Quarterly					Chair	Review	
SUB-GROUPS									
N/A	N/A	N/A					N/A	N/A	No sub-groups established in 22/23
PROMPTS									
External Reports	n/a	As required					TBC	TBC	
Board Visits	n/a	As required					TBC	TBC	



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AGENDA ITEM No	6
OPEN	Open
No of ANNEXES ATTACHED	1

Welsh Ambulance Services NHS Trust Applicant for University Designation 2022 Mid-Year Update

MEETING	Academic Partnerships Committee
DATE	25 October 2022
EXECUTIVE	Director of Partnerships and Engagement
AUTHOR	Director of Partnerships and Engagement
CONTACT	estelle.hitchon2@wales.nhs.uk

EXECUTIVE SUMMARY

As part of the Trust's continued efforts to formally secure university designation, it was required to report mid-term progress against its university trust status priorities to a panel of Welsh Government and other colleagues. The attached slide deck was presented and is shared with Committee for information.

KEY ISSUES/IMPLICATIONS

- Presentation was well received
- Positive feedback in terms of innovation and applied research
- Formal feedback likely to include need for greater focus on evaluation and research impact
- Governance matters remain to be resolved with Welsh Government colleagues – meeting likely to take place in November

REPORT APPROVAL ROUTE

Academic Partnerships Committee October 2022 for information only

REPORT APPENDICES

Slide deck attached

REPORT CHECKLIST			
Confirm that the issues below have been considered and addressed		Confirm that the issues below have been considered and addressed	
EQIA (Inc. Welsh language)	x	Financial Implications	x
Environmental/Sustainability	x	Legal Implications	x
Estate	x	Patient Safety/Safeguarding	x
Ethical Matters	x	Risks (Inc. Reputational)	x
Health Improvement	x	Socio Economic Duty	x
Health and Safety	x	TU Partner Consultation	x



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Welsh Ambulance Services NHS Trust Applicant for University Designation 2022 Mid Year Update





Outline

- Our ambition
- Our progress against key priorities

Digitisation enabling better outcomes

Advanced practice and specialist working

Decarbonisation and sustainability

- Learning thus far
- Next steps
- Questions





Our Ambition

- To deliver better services for the people of Wales, and secure greater opportunity for our people, by leveraging our educational, training, innovation and industry relationships in a more integrated way
- To redefine what it means to be an ambulance service – innovation at our heart, learning in our soul
- To democratise learning and make university status something that lives and breathes for us all, regardless of role or status
- To finalise our governance arrangements to ensure we can secure accreditation





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Progress Against Objectives





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Priority One: Digitisation





Deployment of our digitised patient record system (ePCR) & Digital Triage System ECNS



- ePCR system now deployed - resulting in reduced reliance on paper records and improved capability to share secure information with other healthcare providers
- Some elements being finalised, including interface with the Welsh GP Records system to access medication and allergies information
- Ready for testing on pilot Android devices to extend to CFRs
- ECNS implemented (Including Video Function), removing paper triage in 999. Further work to interface with ePCR and Welsh GP Records.



Improved access to integrated intelligent information

- Exploring data linkage with DHCW to integrate ED and CAD data, supplemented by ePCR & ECNS data, to better understand success of pathways and patient outcomes
- Progressing work under the National Data Resource programme (led by DHCW) which will create a central data store for all NHS Wales, allowing an array of data linkage opportunities and improved visibility of patient flow and outcomes
- New data derived via implementation of Emergency Communication Nurse System (ECNS) provides new research opportunities, with three proposals currently going through IRAS application/ethics stages
- Working with Health Technology Wales to explore possible further research opportunities afforded by implementation of digital technologies (Topic Exploration Reports)



Explore development and deployment of artificial intelligence and machine learning to reduce clinical risk, and improve optimisation of operations

- Several processes from various Directorates have been mapped and are being automated using Robotic Process Automation (RPA) technology e.g. falls referral pathway.
- RPA was also deployed used in support of BCI across the 111 service following cyber attack on Advanced services.
- RPA reduces administrative burden, and can significantly increase efficiency, improve standardisation, and allow clinical, operational, and corporate experts to instead spend their time on higher value tasks.
- More work underway to identify the opportunity and evaluate impact





Introduction of video triage in the remote clinical assessment environment (999 Clinical Support Desk)



- Implementation of video consultation allowing clinicians to call patients directly and supporting remote resolution of incidents without the need of an automatic face-to-face assessment
- Internal collaboration and expert advice has meant “Privacy by Design” requirements are met, and the internal standard operating procedure (SOP) is compliant with data protection and privacy standards
- Research study currently going through IRAS approval process in respect of use of video – partnership between WAST & International Academies of Emergency Dispatch.



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Priority Two: Advanced Practice and Specialist Working





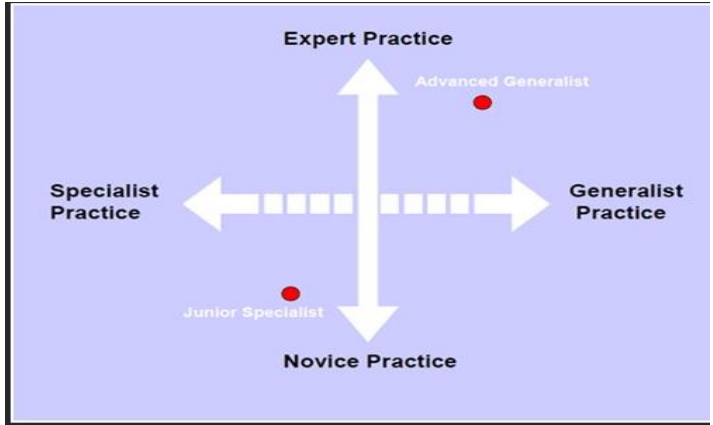


A Multi-Disciplinary Framework for Primary & Community Practice



-  New to Primary Care & new to Advanced Practice.
-  Experienced in Primary Care but new to Advanced Practice.
-  Experienced in Advanced Practice but new to Primary Care.
-  Experienced In Primary Care Advanced Practice
-  Experienced Primary Care Advanced Practitioner returning from a break in practice.

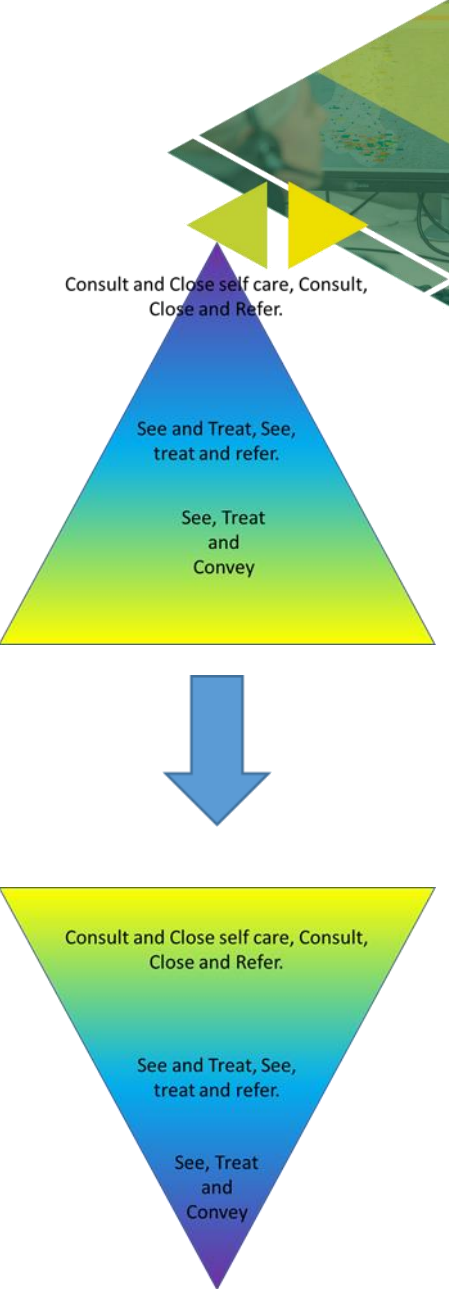
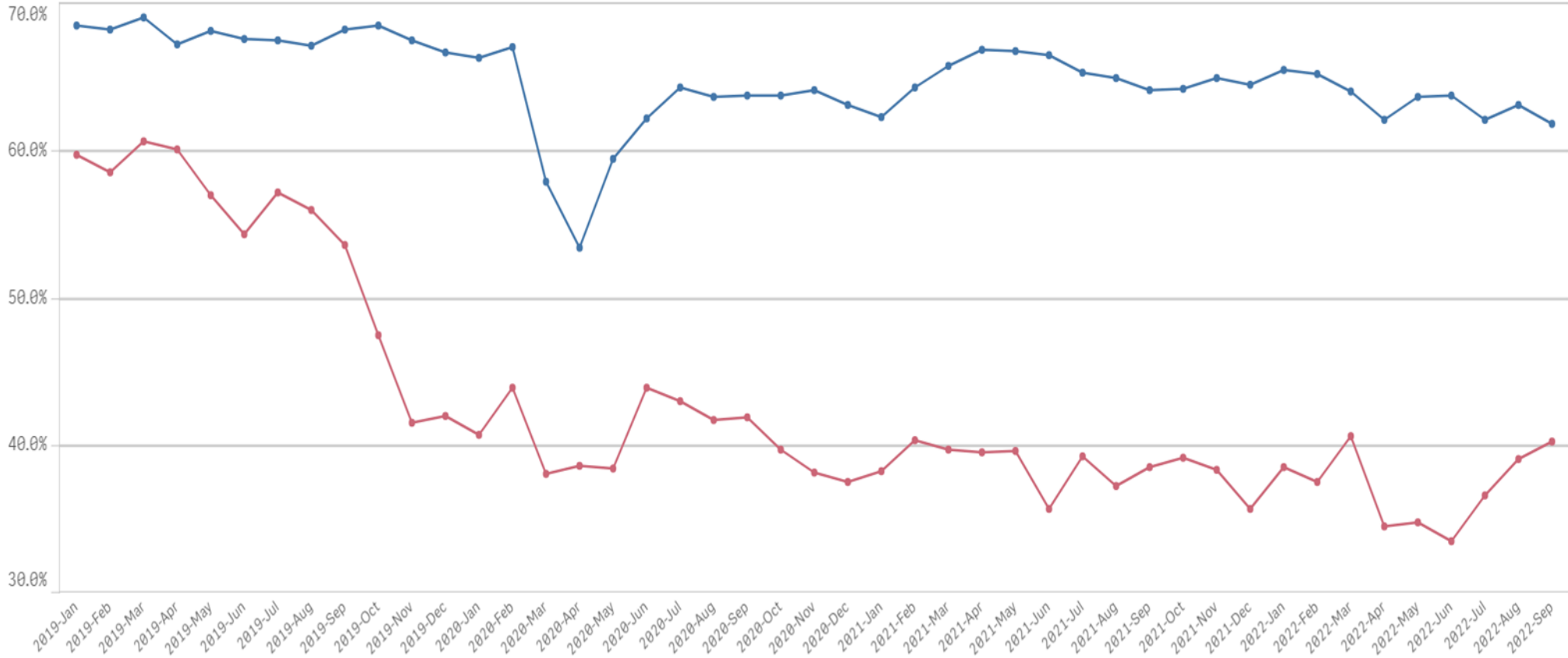
“A dynamic, flexible, self-assessment tool which sets out the competency requirements of Primary Care Advanced Practitioners at each stage of their development, from point of entry into primary Care up until transition into Consultant Level Practice.”

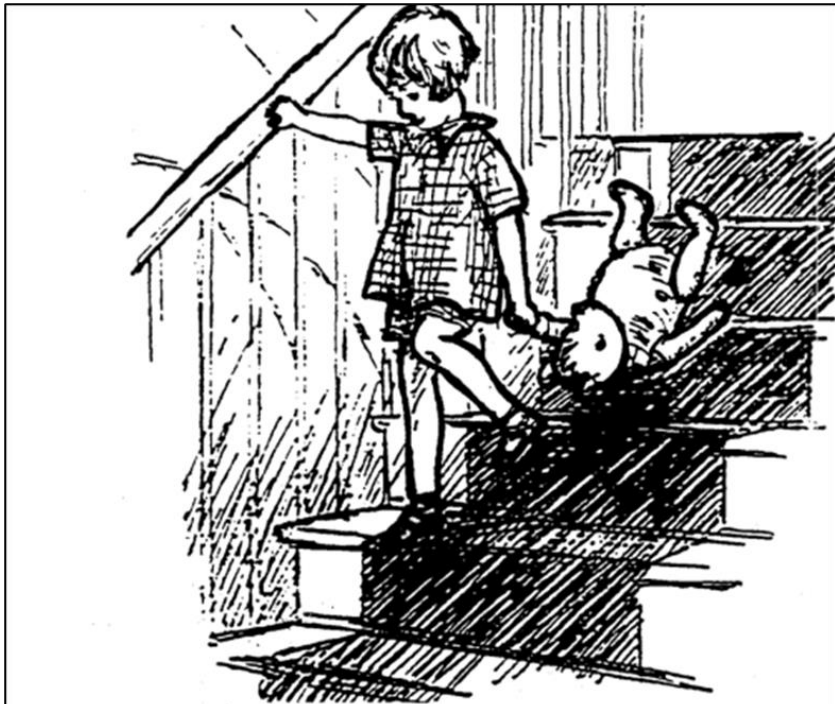




ED Avoidance Comparisons

Conveyance Rates (Non APP Versus APP Activity)





Here is Edward Bear, coming downstairs now, bump, bump, bump, on the back of his head, behind Christopher Robin. It is, as far as he knows, the only way of coming downstairs, but sometimes he feels that there really is another way, if only he could stop bumping a moment and think of it.

Role	Numbers
<u>APPs</u> - Advanced Paramedic Practitioners	65 in rotational models (plus additional 15 in leadership/alternative roles)
<u>TAPPs</u> - trainee Advanced Paramedic Practitioners	14
<u>NMPs</u> - Non-Medical Prescribing APPs	19 (further 10 on course)
<u>FT</u> – Full Time MSc students	10 (further 8 due to commence March 23)
<u>Students</u> (Years 1,2 or 3)	39 students being supported with MSc funding 2022-23
<u>Palliative Care Rotational Paramedics</u>	4 (further 8 proposed with supporting case)
<u>CHARU</u>	31 (26 on booked courses, further 13 course places to fill)

Where we'd like to be on this journey.....



In addition:

- Major Trauma Desk Paramedic role in place – (Qualitative study (Trauma calls) nearing completion – Abstract / Poster at Prime Centre Wales Conference 18th Oct)
- Working on RCDM being recognised as a specialty role on the clinical skills careers framework (HEIW & WAST Partnership to co-design HE modules)
- Suite of research papers (published & IN PRESS)
 - Unintended benefits of a collaborative approach to service evaluation. NHS 111 Wales outcomes to Emergency Departments.
 - An Intervention Evaluation of Signposting Changes made to the NHS 111 Wales Website.
 - Exploring the effects home working has on the practice of 999 telephone consultation clinicians during the Covid-19 pandemic.
 - Call volume, triage outcomes, and protocols during the first wave of the COVID-19 pandemic in the United Kingdom: Results of a national survey
 - Proposed use of the emergency communication nurse system in Welsh ambulance service 999 secondary triage with paramedic and nurse users
- Further potential research opportunities in respect of linking data across systems and patient experience of telephone/video triage / ECNS ePCR
- Excellent links with Swansea, Glyndwr, Bangor and USW Universities in respect of paramedic training, including advanced practice





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Priority Three: Decarbonisation, fleet modernisation and sustainability





A tripartite research and development programme between WAST, Toyota GB and Wilker UK has delivered 23 Toyota RAV4 plug-in hybrid rapid response cars, replacing some of the Trust's older diesel-powered vehicles. This new design includes:

- Plug in hybrid infrastructure allowing journeys of up to 45 miles to be completed via electrical charge
- A reconfiguration of the rapid response car and its contents which has reduced the overall weight by almost 100kg, meaning a significant increase in the miles per gallon and therefore reduction in emissions
- Every vehicle has been fitted with solar panels on its roof, generating renewable energy to support internal electrical infrastructure for clinical equipment



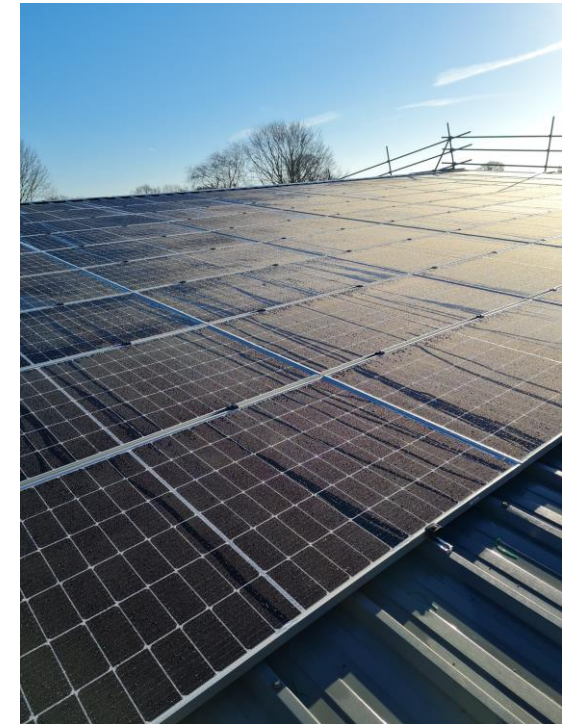


Major decarbonisation projects at AAC Flintshire (Dobshell), Porthcawl, Lampeter and Bargoed Ambulance stations completed in 2022. Aim is to reduce carbon emissions and provide a fit for purpose wellbeing area on site at Flintshire ACC.

- Projects included installation of PV arrays & battery storage, plus replacement high carbon emission heating systems for an air source heat pump. WAST worked in conjunction with Solar Edge UK , to develop bespoke renewal energy designs, all supported by WGES
- Redevelopment of two hectares of land included the planting of 2500 British native trees, with additional biodiversity and ecology features, working in conjunction with North Wales Wildlife Trust

Future projects, aimed at supporting a net zero carbon estate approach:

- SPECIFIC innovations and Knowledge Centre at the University of Swansea have supported, and continue to support our new build decarbonisation objectives.
- Retrofit decarbonisation design guide specifically for WAST estate is being developed in conjunction with the Centre of Alternative Technology and the University of East London (postgraduate student)





And there's more . .

- Work underway with Fujifilm on a domiciliary x-ray project funded by the Bevan Commission.
- Work underway with SME (Science and engineering applications ltd.) on a digital platform to facilitate our inverting the triangle delivery (Welsh Health Hack funding stream); possible marketing strategy affiliates to include BT/EE and Tesco et al.
- Evaluation of mobile point of care assay solutions - beginning this month - with clear links to industry.
- Strong track record of collaboration with industry (eg DRONES Artificial Intelligence) in the innovation space
- Robust portfolio of research studies and grant applications across directorates and workstreams





Learning to-date

- Prospect of achieving UTS has galvanised us to rethink our approach to “three pillars work” – discussion at Executive and Committee level about how to better integrate innovation, research and training/education to avoid silos and better align portfolios
- Ensuring we are a broad church – representation at APC by TU partners, Committee taking a learning/exploratory approach, reporting through to Board, “effectiveness review” undertaken to continue to improve committee working, avoid duplication etc
- Mapping our interfaces – understanding where our opportunities and “gaps” are – where we are engaged and where we need to be – reporting to committee this month
- More to do on engaging the wider workforce and taking people on the journey – this will be a focus in 2023





Next Steps

- Navigate governance issues
- Forward work programme for APC and new chair
- Review outcome of mapping exercise and identify opportunities/gaps
- Use IMTP development process to review progress and refresh approach for 2023 onwards
- Board development session and continue regular Board updates





Questions





GIG
CYMRU
NHS
WALES

Ymddiriedolaeth GIG
Gwasanaethau Ambiwllans Cymru
Welsh Ambulance Services
NHS Trust

AGENDA ITEM No	7
OPEN or CLOSED	Open
No of ANNEXES ATTACHED	2

Mapping Our Interfaces: Academic and Industry Links Across the Welsh Ambulance Services NHS Trust

MEETING	Academic Partnerships Committee
DATE	25 October 2022
EXECUTIVE	Director of Partnerships and Engagement
AUTHOR	Director of Partnerships and Engagement
CONTACT	estelle.hitchon2@wales.nhs.uk

EXECUTIVE SUMMARY

1. The ambition of the Welsh Ambulance Service in respect of its academic and industrial relationships is to ensure they are leveraged to make a tangible difference to our people and our patients.
2. As the Trust moves closer to attaining university trust status and to furthering its long term plan, there is a need to identify where and how the organisation interfaces with its academic and industry stakeholders.
3. Given that colleagues from a range of portfolios have relationships with a range of academic and industry partners, it is important that the wider organisation, via the Academic Partnerships Committee in the first instance, both understands those interfaces and also is able to identify opportunities and gaps.

KEY ISSUES/IMPLICATIONS

4.
 - Interfaces across the organisation are extensive albeit somewhat fragmented
 - As an organisation, much of this work is not visible at Board level. This is something which requires attention, both to celebrate achievement but also to understand the tangible difference that these relationships are delivering
 - There is appetite and expertise to work with industrial and academic partners, and considerable opportunity to work more extensively, and in a more integrated way, with partners
 - There is a great deal of scope to more clearly link the excellent work being undertaken in a variety of directorates with organisational direction and to evaluate the impact of the initiatives in train
5. This paper is for discussion. Any actions arising will be taken forward via the Executive Management Team and reported back to Committee in due course.

REPORT APPROVAL ROUTE
Academic Partnerships Committee 25 October 2022 for discussion

REPORT APPENDICES
See below

REPORT CHECKLIST			
Confirm that the issues below have been considered and addressed		Confirm that the issues below have been considered and addressed	
EQIA (Inc. Welsh language)	x	Financial Implications	x
Environmental/Sustainability	x	Legal Implications	x
Estate	x	Patient Safety/Safeguarding	x
Ethical Matters	x	Risks (Inc. Reputational)	x
Health Improvement	x	Socio Economic Duty	x
Health and Safety	x	TU Partner Consultation	x

Mapping of Academic and Industrial Interfaces

6. The ambition of the Welsh Ambulance Service in respect of its academic and industrial relationships is to ensure they are leveraged to make a tangible difference to our people and our patients.
7. As the Trust moves closer to attaining university trust status and to furthering its long term plan, there is a need to identify where and how the organisation interfaces with its academic and industry stakeholders.
8. Given that colleagues from a range of portfolios have relationships with a range of academic and industry partners, it is important that the wider organisation, via the Academic Partnerships Committee in the first instance, both understands those interfaces and also is able to identify opportunities and gaps.
9. Via the Executive Management Team, a request for information relating to academic and industrial interfaces within directorates was made.
10. The responses received are detailed below. It is unclear how comprehensive this information is, but what it does demonstrate is that, while there is a significant amount of academic and commercial/industrial engagement underway, there is significant opportunity to harness these opportunities in a more strategic way.
11. Among the observations are:
 - it is unclear as to what extent there is interface between directorates where there might be further opportunity to exploit existing or new partnerships. This is something for discussion, both at committee and within the Executive Team
 - there are clear opportunities to further align engagement with both longer term and IMTP priorities, and to better capture outputs
 - There is appetite and expertise to work with industrial and academic partners, and considerable opportunity to work more extensively, and in a more integrated way, with partners

Recommendations:

12. Committee is asked to consider and discuss the report, remitting actions as appropriate to the Executive Management Team

Appendix One: Interfaces by Directorate (please note that this list is indicative only and may not represent the entirety of the interfaces/relationships)

Quality and Nursing

- Work underway with Fujifilm on a domiciliary x-ray project funded by the Bevan Commission
- Work underway with SME (Science and engineering applications ltd.) on a digital platform to facilitate inverting the triangle delivery (Welsh Health Hack funding stream); possible marketing strategy affiliates to include BT/EE and Tesco et al
- Evaluation of mobile point of care assay solutions - beginning October 2022- with clear links to industry
- Staff member honorary lecturer with good links with into North Wales higher education institutions
- Previous work (St David's Award Winner) with industry (SBRI) and academic partners (Swansea University) on rapid sanitisation of ambulances
- Research study currently going through IRAS approval process in respect of use of video – partnership between WAST & International Academies of Emergency Dispatch.
- Jakarta EMS Development Project with Cardiff University (joint venture with Clinical Services Directorate)
- Suite of research papers (published & IN PRESS)
 - Unintended benefits of a collaborative approach to service evaluation. NHS 111 Wales outcomes to Emergency Departments.
 - An Intervention Evaluation of Signposting Changes made to the NHS 111 Wales Website.
 - Exploring the effects home working has on the practice of 999 telephone consultation clinicians during the Covid-19 pandemic.
 - Call volume, triage outcomes, and protocols during the first wave of the COVID-19 pandemic in the United Kingdom: Results of a national survey

- Proposed use of the emergency communication nurse system in Welsh ambulance service 999 secondary triage with paramedic and nurse users
- Further potential research opportunities in respect of linking data across systems and patient experience of telephone/video triage / ECNS ePCR

Finance and Corporate Resources

- Projects included installation of PV arrays & battery storage, plus replacement high carbon emission heating systems for an air source heat pump. WAST worked in conjunction with Solar Edge UK, to develop bespoke renewal energy designs, all supported by WGES
- SPECIFIC innovations and Knowledge Centre at the University of Swansea have supported, and continue to support new build decarbonisation objectives
- Retrofit decarbonisation design guide specifically for WAST estate is being developed in conjunction with the Centre of Alternative Technology and the University of East London (postgraduate student)
- A tripartite research and development programme between WAST, Toyota GB and Wilker UK

Clinical Services Directorate

- HEIW & WAST Partnership to co-design HE modules
- Excellent links with Swansea, Glyndwr, Bangor and USW Universities in respect of paramedic training, including advanced practice
- See Research and Innovation Tracker appended for comprehensive update as at September 2022 of research programmes underway

Digital Directorate

- Supporting WAST staff through the Digital Skills for Health & Care Professions Master's course offered by Wales Institute for Digital Information, WIDI (a strategic partnership between University of Wales Trinity St David, USW & DHCW)
- Supporting a number of Digital Directorate staff on the technical degree apprenticeships being offered by Cardiff Metropolitan University

- Supported the ASSIST project – a collaboration with WAST and Corti.ai to explore the safety assurance process of using AI-led out-of-hospital cardiac arrest recognition software
- Trialling Robotic Process Automation (RPA) in collaboration with Blue Prism and OAS
- Established a partnership with Terrafix to develop the TerraPACE Electronic Clinical Records (ePCR) product for ambulance services. Development of the ePCR Business Case was supported by a piece of work done with the University of Chester
- Organisational membership with the British Computing Society to develop professional standards in digital
- Strategic Outline Case for Digital being developed in conjunction with Archus
- Support WAST clinical and research teams working with Swansea University's Trials Unit and SAIL projects

Workforce and OD

- Colleagues represent the Trust at AACE's National Education Network for Ambulance Services (NENAS) and Driver Training or Ambulance Group (DTAG)
- Colleague member of South West Wales and Mid Wales Regional Learning & Skills Partnerships (vice chair of the SW Public Services group and will take chairing role when Mid Wales RLSP matures to requiring the same) - direct link to guide/shape/evaluate WG re policy and funding for skills via Further Education and Work Based Learning
- Colleague member of HEIW-led Apprenticeship Steering Group ('Grow our own' NHS branded offer) - positioning HEIW to bid for Work Based Learning Contracts in the future
- Colleague Member of NHS-wide working group designing the standards for simulation based education.
- Expansion of range of awarding organisations we hold centre status for to include ILM in addition to Future Quals, IOSH, Agored Cymru and Pearson.
- Simulation, Virtual and Augmented reality learning partnership across WAST, Swansea University and University of Chester.

- Undertaking review of Level 4 bridging module used across all AHP routes to ensure undergraduate study readiness with Awarding Organisation/Ofqual/Qualifications Wales regulated qualification on behalf of HEIW
- Swansea University/ Monash (Australia) Universities Staff Wellbeing study - a comparison study with Ambulance Victoria looking at the wellbeing of our staff (the Ambulance Victoria results demonstrated that there was a significant amount of diagnosable mental illness that was going unreported/ untreated within their paramedic population. WAST results awaited)
- ABUHB Compassionate Practices work with the connection back to Cardiff University – changing the approach for handling disciplinary processes across Wales, to be shared in WAST shortly

Operations

- Bangor University re: hosting of physician associate students on community placement including observing in EMS Coordination, 111 and on the road

Ends/EVH/Oct22

Portfolio S Non Port Recruitment

9	16	211
		35

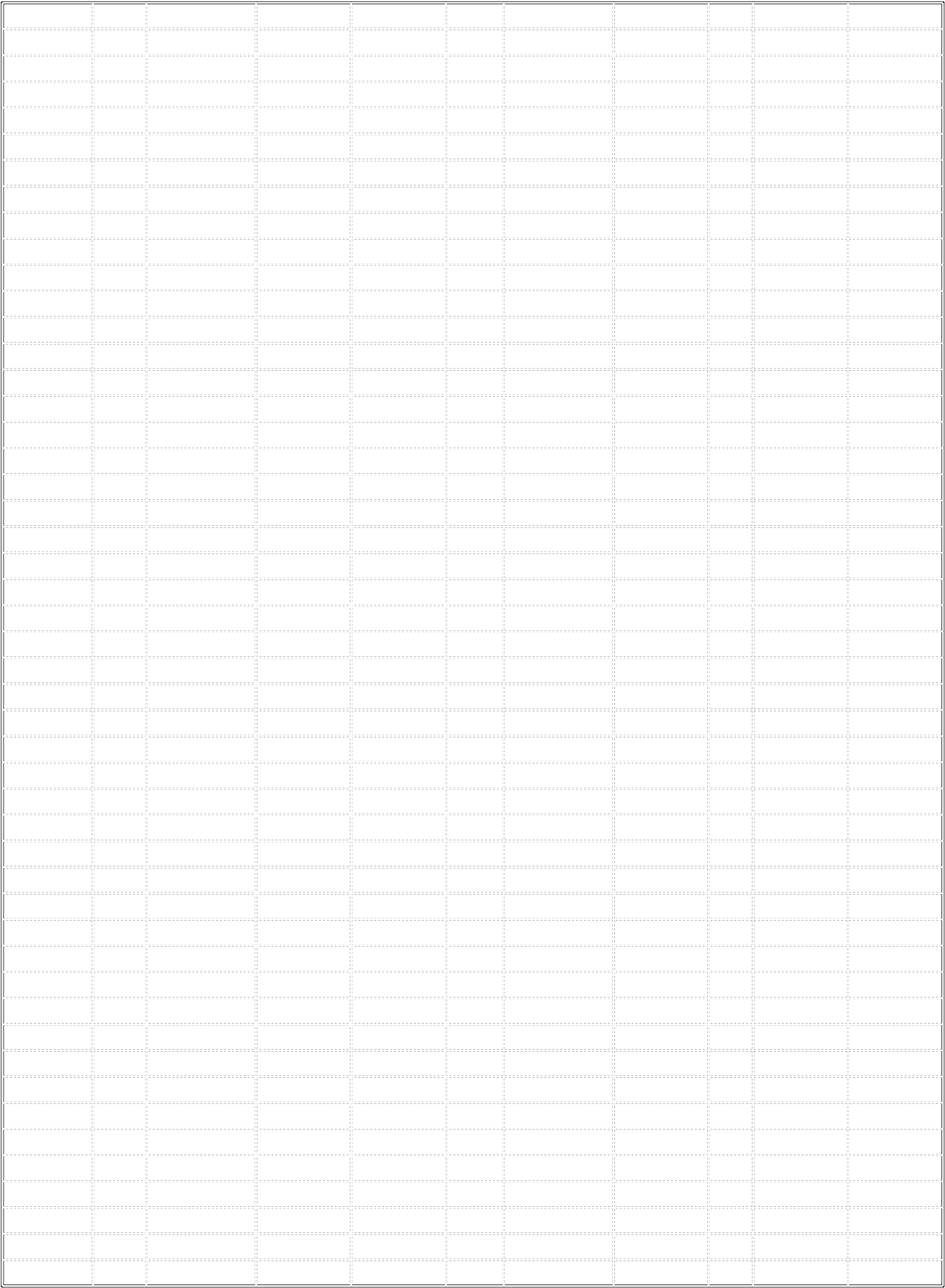


















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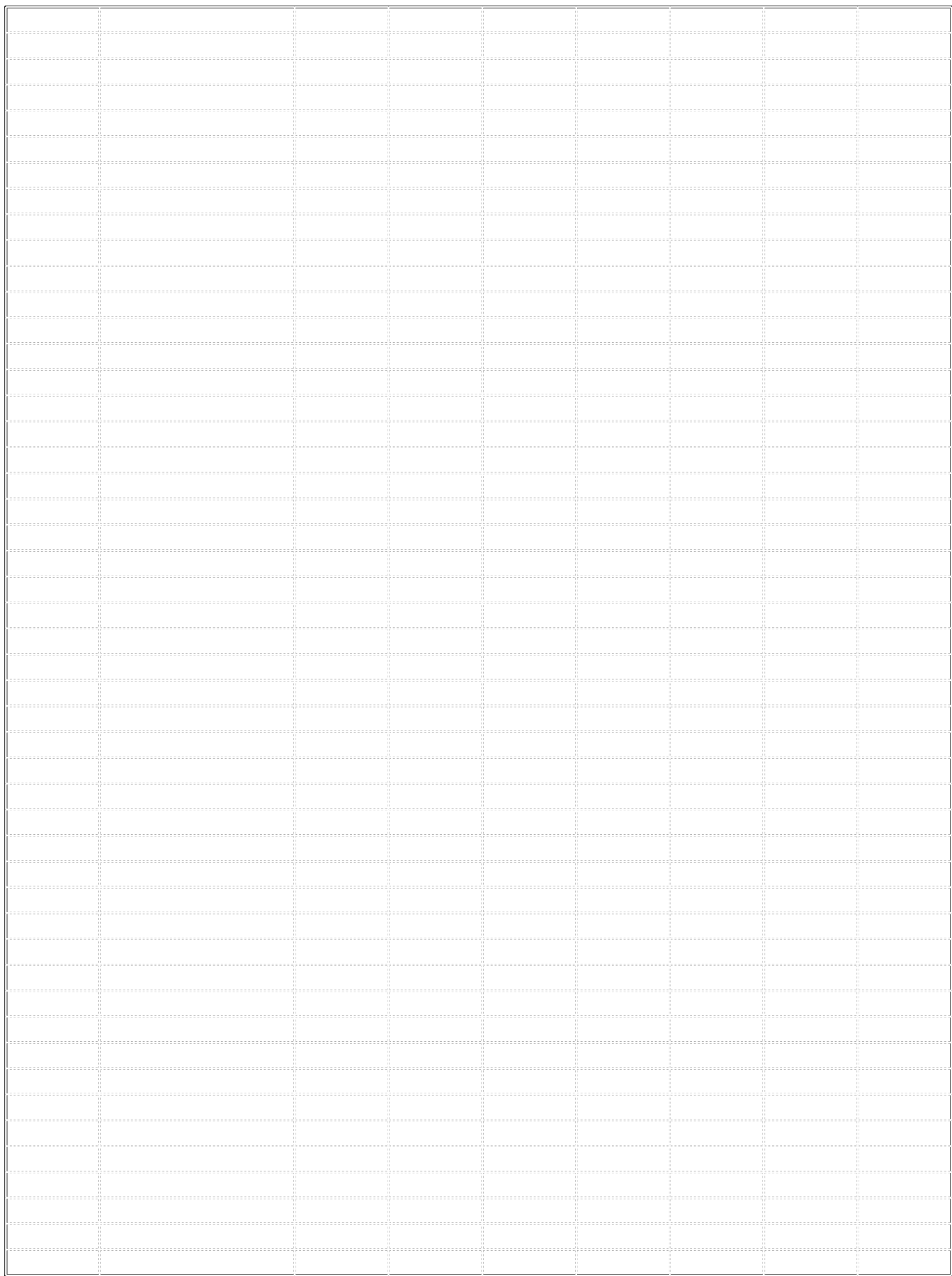


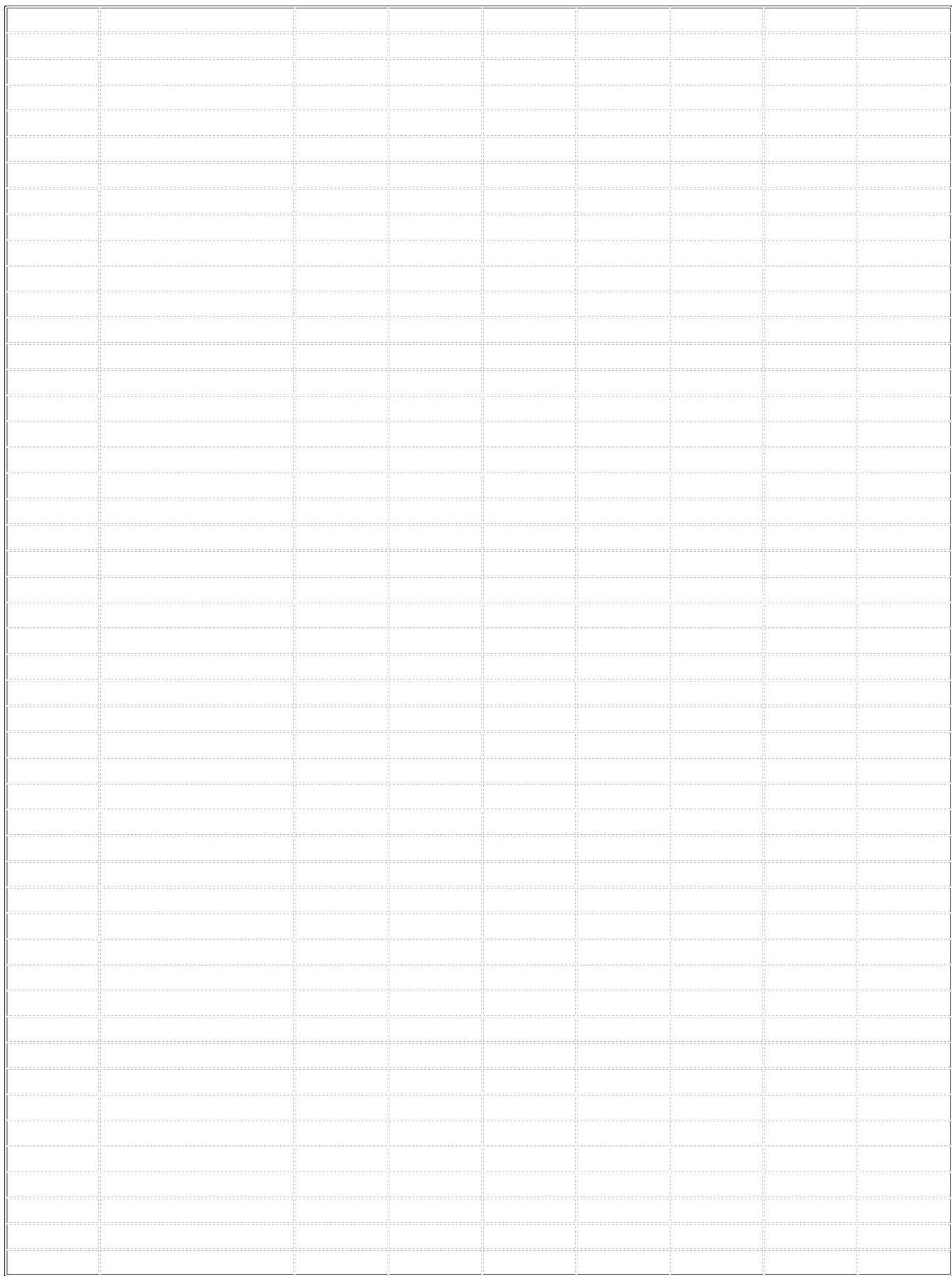


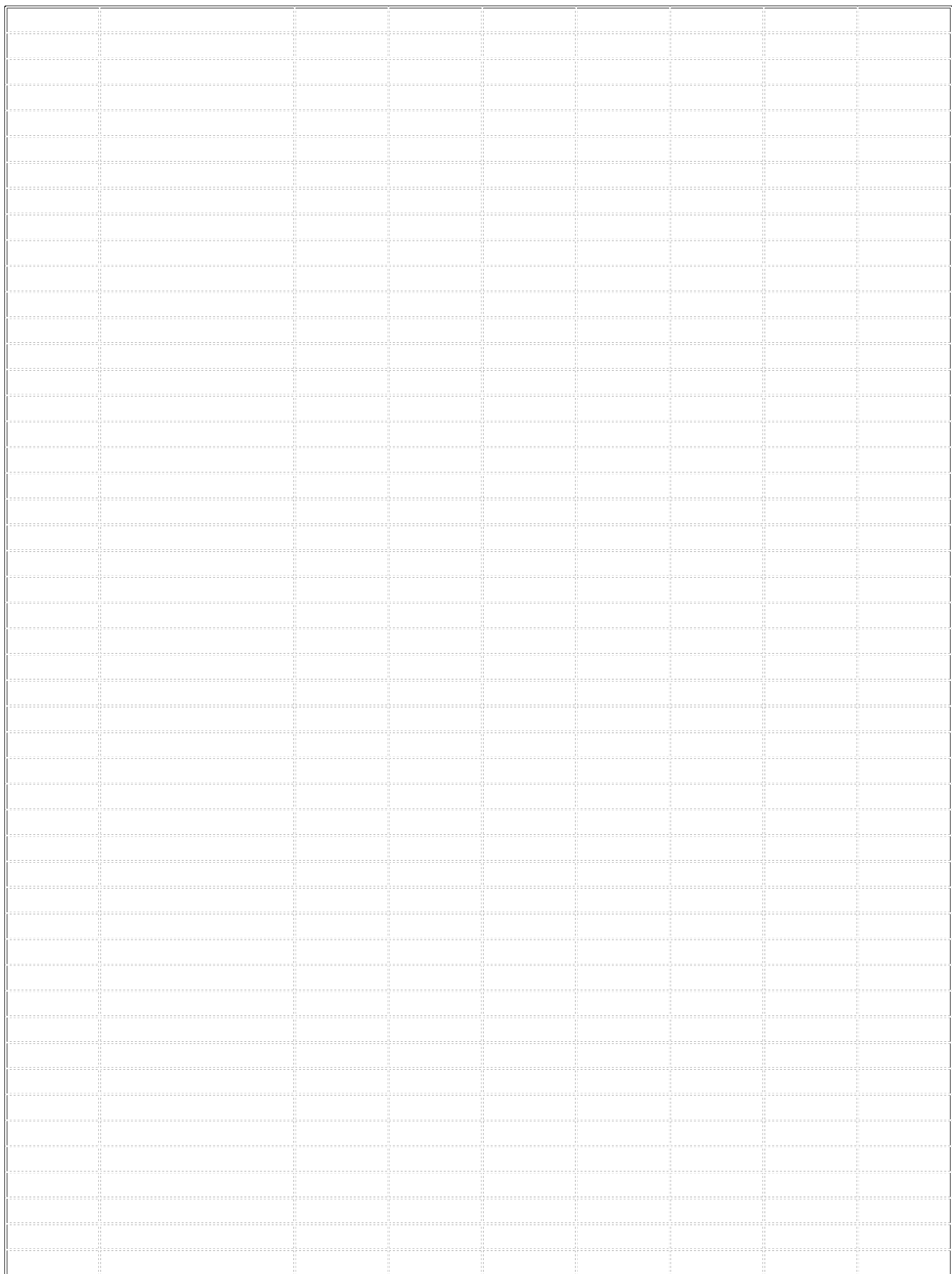


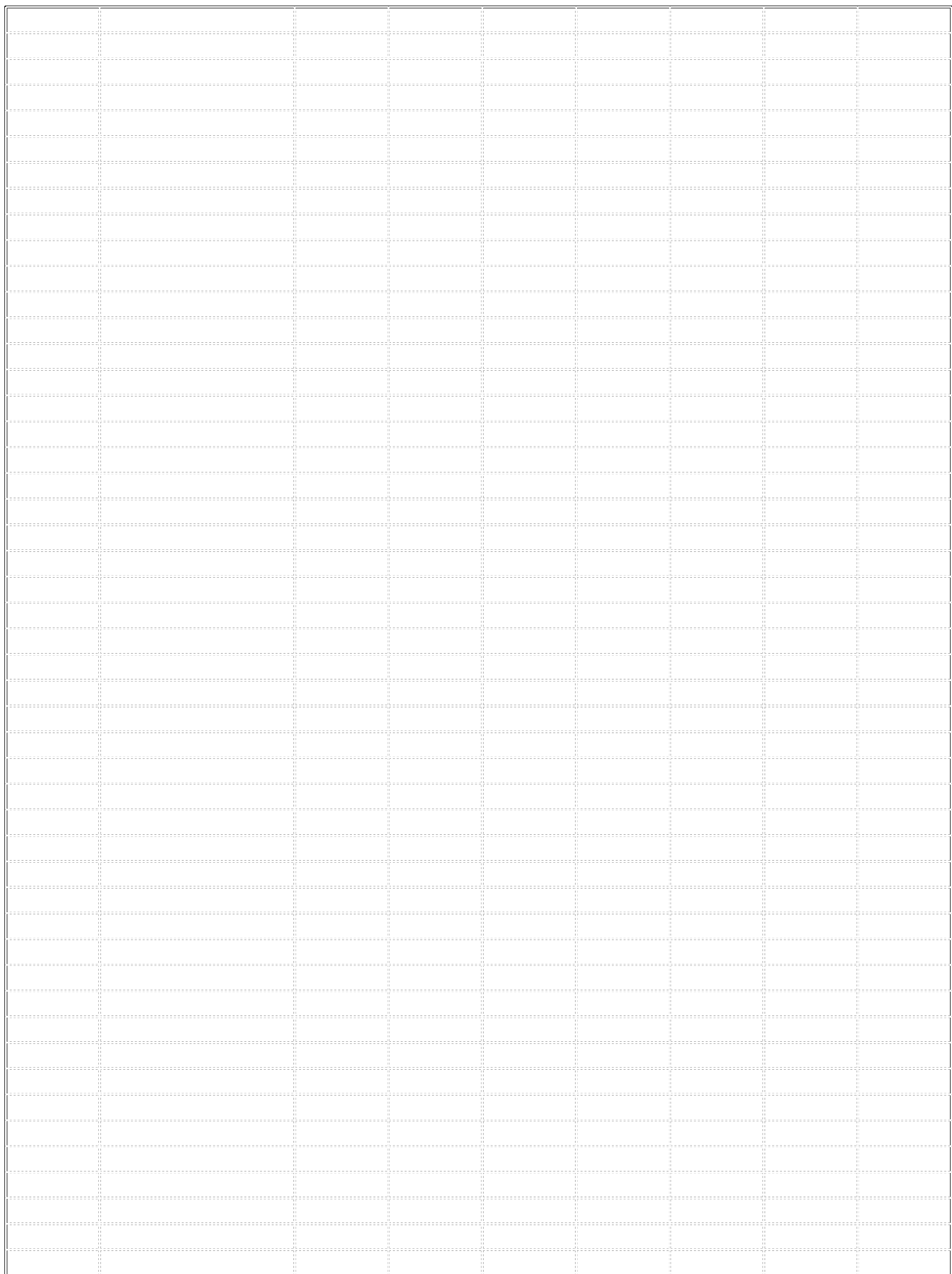


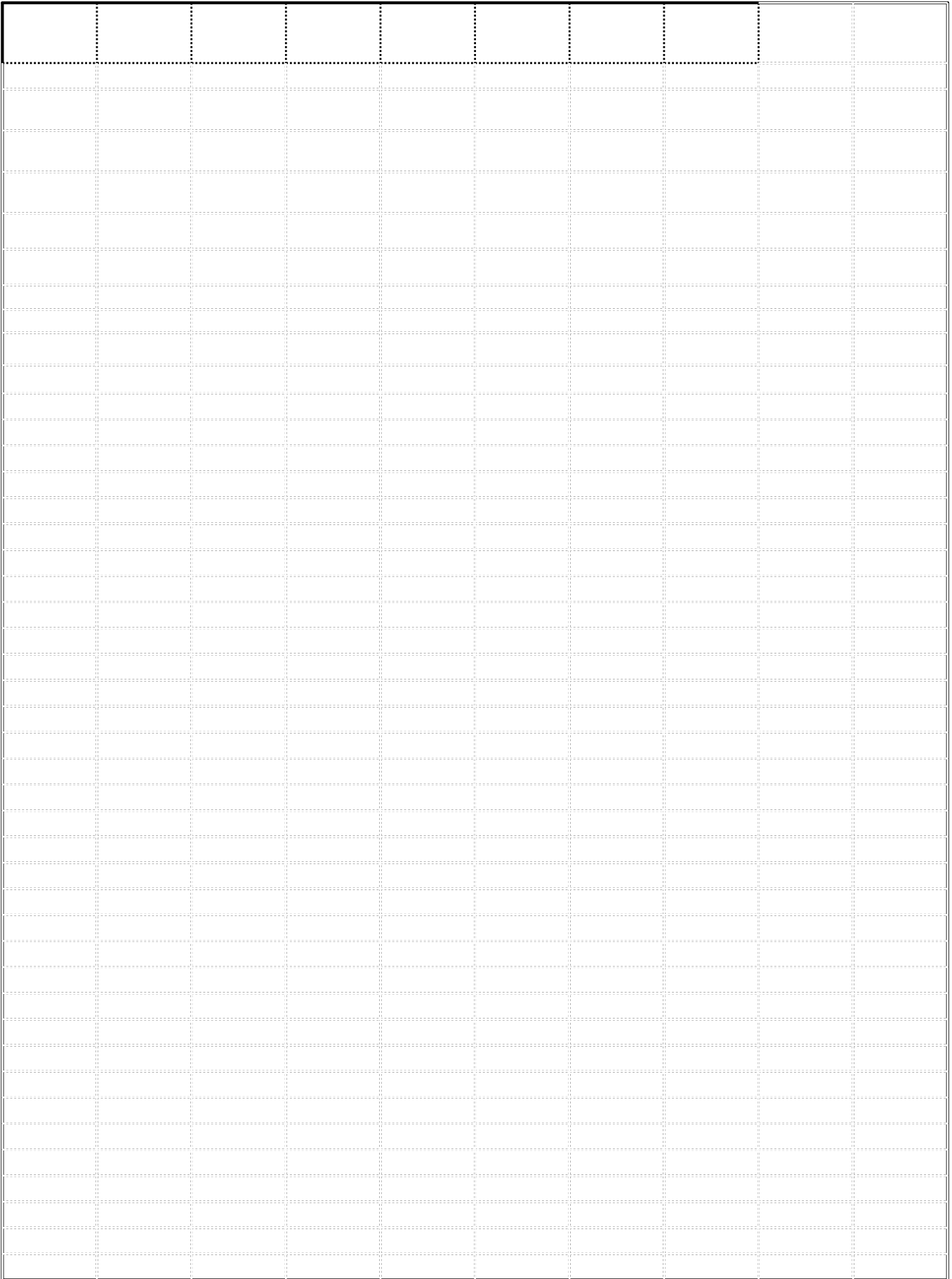


































Active Research Updates



Portfolio Study?	Site Status	Study Acronym	Long title
Yes	Active	OHCAO	Epidemiology and Outcome from Out of Hospital Cardiac Arrest
Yes	Closed to recruitment - In follow up	CARA Study	The COVID-19 Ambulance Response Assessment study.
Yes	Active	STRETCHED	STRategies to manage Emergency ambulance Telephone Callers with sustained High needs - an Evaluation using linked Data
Yes	Active	INFORM	Improving care for people who Frequently call 999: co-production of guidance through an Observational study using Routine linked data and Mixed methods
Yes	Active	PARAMEDIC3	Pre-hospital Randomised trial of MEDICATION route in out-of-hospital cardiac arrest 3
Yes	Active	HEAR 2	Health Experiences of Asylum seekers and Refugees: how well are their interpretation needs met?
Yes	Active	999 RESPOND EMRTS	Emergency dispatch decisions in covid-19
Yes	Active	CATNAPS	Co-producing an Ambulance Trust National fatigue risk management system for improved staff And Patient Safety
Yes	Active	REACT 2	paramedic decision making during out of hospital cardiac arrest 2.
No	Active	Reducing inappropriate hospital admissions	Reducing hospital admissions: a realist evaluation of Welsh Ambulance Services strategem
No	Active	ASSIST Assuring safe AI in Ambulance Service Response (AI Project)	Assuring Safe AI In ambulance Service Triage (AI Project)
No	Active	REASON	York University interdisciplinary project to improve socio-technical resilience and trustworthiness of autonomous systems
No	Active	3D Resus Council Drones project	
No	In development	Effects of homeworking	Exploring that effects home working has on 999 telephone triage clinicians in response to Covid-19
No	Active	Snowdonia Aerospace Project - Golden Dragon	
No	Active	COVID-19 Impact on Health and Wellbeing within an ambulance service (PhD)	Exploring the impact of a global pandemic on the health and wellbeing of ambulance staff? A mixed method study in response to COVID-19
?	Active	TRIM Study	What TRIage model is safest and most effective for the Management of 999 callers with suspected COVID-19? A linked outcome study
No	Active	Ambulance Staff Climate & Wellbeing study	Ambulance Services Staff: Workplace Climate and Workplace Wellbeing
No	Active	Trauma Calls PIC Study	
No	Active	Heroism Metasynthesis	Metasynthesis of heroism in paramedic practice during COVID-19
No	Active	Body Worn Cameras Project (PhD)	Attitudes towards the use of Body Worn Cameras (BWCs) within ambulance and pre-hospital care in Wales: A mixed methods study

No	Active	WELSH BLOOD DRONE PROJECT	
No	Active	PEACE	Protecting Emergency medical services (EMS) staff from Aggression and Violence in Conflict Encounters (PEACE)
No	Active	Exploring the psychological stress and impact of emergency call handling.	Exploring the psychological stress and impact of emergency call handling: A comparative analysis of the scale of stress and emotional labour associated with the Police and Ambulance call handling and dispatch environment.
No	Active	EMRTS dispatch three iteration study (PhD)	Emergency Medical Retrieval and Transfer Service (EMRTS), dispatch, three-iteration study Dispatch decisions in EMRTS Critical Care Hub (ECCH) – prospects for decision support
No	Active	CDM TBI	Ambulance clinician approach to head injuries in the older adult: A mixed - methods study in clinical decision making.
No	Active	Multi Professional Working - Service Evaluation	Multi Professional Working - Service Evaluation

PI / CI	Sponsor	IRAS ID
Nigel Rees	Warwick	134959
Nigel Rees	South East Coast Ambulance Service	282314
Robin Petterson	Swansea University	262419
Robin Petterson	Swansea University	250693
Gavin Perkins (CI)	University of Warwick	298182
Dr Gilian Richardson (CI)	PHW	290877
Nigel Rees	WAST	N/A
Kirsty Sanderson CI Nigel Rees PI	University of East Anglia	308115
Karl Charlton CI Nigel Rees PI	Northumbria University	317321
Chris Evans	Bangor University	
Nigel Rees	WAST	294134
Nigel rees		
Nigel rees		
Mike Brady	WAST	287662
Nigel Rees	N/A	N/A
Professor Jaynie Rance (CI) Ed Harry PhD	Swansea University	293713
Alan Watkins (PI) Mike Brady (PI)	Swansea University	
Catherine Goodwin / Professor John Gammon (CI)	Swansea University	288931
Mike Brady		295349
Nigel Rees	N/A	N/A
Meggie Pendered / Nigel Rees	Cardiff University	N/A

Nigel Rees		N/A
Nigel Rees	WAST	313346
Jon Edwards	WAST	
PI: Dr Matt Roach	Swansea University	312173
PI: Paula Jefferys Jack Barrett	South East Coast Ambulance Service	311636
PI: Carolyn Wallace	University of South Wales	N/A

UPDATE

24.08.22 - OHCAO registry has been reviewed by CAG/Secretary state for health and social care and has advised the national data opt out is now being deferred from being applied to the OHCA outcomes registry.

24.08.22 - The paper was submitted to the BMJ on 27.05.22.

22.07.22 - No updates at present.

22.06.22 - NR contacted Swansea University on 14.06.22 following request to clarify outstanding funding.

22.09.22 - LW and LS met with study team to work up a complete process for the data collection process and answer any further data collection queries. The study team is now satisfied with the data collection process of the project.

22.09.22 - The trial is now open in SBUHB, HDUHB and Powys with a view of opening in the North in October. There are now 84 paramedics trained and 23 recruitments into the study. Study team are looking at further options for signposting the trial to paramedics. Trial screening log is progressing.

24.08.22 - The data collection process route outlined by LW has now been tested and it can be confirmed that it works. Full data collection process flowchart and confirmation of systems that need to be used to be sent to study team by LW 24.08.22.

07.09.22 - Study finance schedule is now complete and protocol is in draft form. Meeting arranged for 12.09.22. Group has agreed to explore a further funding opportunity. Awaiting the signing of collaboration agreement comments from collaborators and study protocol has been drafted. Official study start date October 2022.

22.09.22 - Study local information pack received 08.08.2022 and OID & Letter of C&C has been returned to Chiara 09.09.2022. Study team returned fully signed OID 14.09.2022 and confirmed green light notification. Awaiting confirmation from the study team on next steps for recruitment in WAST for staff members to register. 24.08.22 - This research has been

22.09.22 - Local information pack received from Karl Charlton (North East Ambulance Service) 20.09.2022. Site OID has been completed and currently working on the confirmation of C&C. Recruitment to be commencing from 3rd October 2022 with a 3 month

24.05.22 - No updates at present.

04.04.22 - Another slight amendment to the protocol is currently being risk assessed by the University (due to Covid). In an attempt to reduce the the interview 'burden' for staff (again, given the covid-19 context) It is intended to shadow staff during their shift and conduct informal

07.09.22 - Work is ongoing to identify appropriate stakeholder events to present the project outputs. Public version of final report is now complete and has been sent to AAIP. The group are arranging a writing retreat to continue with project publications.

24.08.22 - Final invoices for end of project have been sent to AAIP and NWSSP for payment. LW meeting with MW (Corti) 25.08.22 to further

22.06.22 - NR attended two conferences (UKRI 7&8th June in York) and (REASON 16th & 17th May) and took part in an expert panel discussion.

24.08.22 - Paper submitted to EMJ (Emergency Medical Journal) 03.08.22.

24.08.22 - A manuscript entitled "Exploring the effects home working has on the practice of 999 telephone consultation clinicians during the Covid-19 pandemic." has been successfully submitted online and is presently being given full consideration for

24.05.22 - No updates at present.

15.11.21 - Briefing and planning workshop took place took place 25.10.21.

24.08.22 - EH has now applied for a 12 month study break to undertake a prescribing course. Interview recruitment has been completed.

06.06.22 - There has not been a study RMG for some time. One paper has been produced and has been published.

07.09.22 - Email received from Julian Hunt (Swansea Uni Researcher) 26.08.2022, fieldwork is now completed and the analysis of the data is ongoing. The final report is being written and will be shared with WAST in the autumn. The team have requested recent WAST reports, figures i.e. staffing levels/ turnover/ sickness and trade union membership to support the report writing and

06.06.22 - MB chased AC w/c 16.05.22 who is also in the write up phase of the study.

21.09.21 - Protocol now published in JPP. Submitted to BMJ - Declined, Submitted to PLOS ONE - Declined. Now submitted to Frontiers

07.09.22 - 4 participants for member checking have been identified and LW is in the process of arranging the interviews. All participants have been sent the final dissertation and thematic analysis ahead of the member checking interviews.

22.09.22 - Group to meet 30.09.22 to discuss project stakeholder event, potential funding opportunities and the final project report.

24.08.22 - Final report SBAR is to go to EMT before submission to Welsh Government. Project team met 28.07.22 to discuss project next steps and finalise elements of the final report for Welsh Government. Director for Welsh Blood attended and it was agreed that the group will hold an engagement event in Llanbedyr. The agenda will include the findings from the final report and presentation of the drone in action to

22.09.22 - HRA/HCRW Approval Issued 09.08.22. Disseminated on Siren/Yammer 24.08.2022. 2 interviews have now taken place and are in the process of being transcribed.

24.08.22 - EMRTS would like to explore whether algorithmic approaches to assist the preliminary step of which calls to view or interrogate are likely to be effective, safe and feasible in their existing context. Study participants will be ECCH staff.

22.09.22 - Recruitment poster for clinical decision making in older adults with head injury study circulated 21.09.2022. Survey closing 30.09.2022

22.09.22 - Approached via email by Prof Wallace 16.08.2022. Discussions in regard to classification of the proposal and agreed that this project would be classed as a Service Evaluation. Letter of no Objection to the service evaluation was sent to Prof Wallace on 26.08.2022. Proposal disseminated to Kerry Robertshaw 26.08.2022

Total portfolio recruitments

Total non portfolio recruitments

Total recruitments

**Recruitment
to date**

non
recruiting

145

6

39

21

N/A

non
recruiting

20

non recruiting

0

15

0

ers in Psychology supported by DR.

211
35
246

Archived Research Update

Site Status	Study Acronym
Active	OHCAO
Closed to recruitment - In follow up	CARA Study
Active	STRETCHED

Active	INFORM
Active	PARAMEDIC3
Active	HEAR2
Active	999 RESPOND EMRTS
Active	CATNAPS
Active	REACT2
Active	Reducing innappropriate hospital admissions

<p>Active</p>	<p>ASSIST Assuring safe AI in Ambulance Service Response (AI Project)</p>
<p>Active</p>	<p>REASON</p>
<p>Active</p>	<p>3D Resus Council Drones project</p>

In development	Effects of homeworking
Active	Snowdonia Aerospace Project - Golden Dragon
Active	COVID-19 impact on Health and Wellbeing within an ambulance service (PhD)
Active	TRIM study
In Set Up	Ambulance Staff Climate & Wellbeing study
In Set Up	Trauma Calls PIC Study
Active	METASYNTHESIS OF HEROISM IN PARAMEDIC PRACTICE DURING COVID-19
Active	Body Worn Cameras Project (PhD)
Active	Welsh Blood Drone Project
Active	999 RESPOND EMRTS
Active	PEACE
Active	Exploring the psychological stress and impact of emergency call handling.

Previous updates

22.07.22 - No updates at present.

24.05.22 - NR attended steering committee meeting 13.04.22. A range of publications are being prepared including the UK OHCA survey of attitudes. NR to meet with SALC to discuss interaction with OHCA, and to make enquiries with HCRW and WAST Information Governance around national data opt out. NR has discussed with HCRW & WAST Information Governance and Wales is preparing the national data promise and has been asked to be updated on any progress.

12.01.22 - No updates at present.

24.05.22 - No updates at present.

21.03.22 - Paper has been drafted to be submitted to a journal. Results from the study - just under 4000 participants but 40% participation was lost by the end of Phase 3. Majority were paramedics but there was a mix of non registered hcp and call taking staff.

12.01.22 - No updates at present.

15.11.21 - No updates at present.

21.09.21 - Email for update.

16.08.21 - Progress is being made and qualitative write up is nearing completion.

14.06.21 - No update at present.

18.05.21 - Writing group planned to commence write up work on 21st may 2021.

24.03.21 - No further updates at present.

20.01.21 - No further updates at present.

24.05.22 - No update at present.

21.03.22 - Amended contracts following extension requests signed by AS.

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15.11.21 - Emailed for update. No updates at present.

21.09.21 - No updates at present.

16.08.21 - Swansea University are applying for a non cost extension from December 2021. New collaborators agreements will be required.

23.07.21 - LW has successfully uploaded File 1 and to NWIS and SAIL Databank respectively. No further updates regarding interviews

07.07.21 - Ashra attended FC meeting and has feedback that she will attend future meetings and identify patients from the meeting discussions for both STRETCHED and INFORM. Data upload for AB & C&V is ready following approval on Swansea Universities end. LW registered for accounts with NWIS (confirmed) and SAIL Databank to upload both the identifiable file (to NWIS) and the unidentifiable file (to SAIL). LW waiting on registration confirmation from SAIL. Upon TJ (Swansea Uni) suggestion, LW contacted WAST Information Governance to see whether WAST has a secure file share in place to share the data rather than upload as this may be easier, Information Governance confirmed we do have the file share and LW waiting on reply from TJ to suggest which data upload route to take.

14.06.21 - Delays with identifying patients, escalated to NR who received feedback that Ashra (INFORM) will be attending FC meeting 08.06.21 to request meeting with C&V Team to discuss identifying suitable patients for contact for the study. Study has been extended to September. Ashra and LW had meeting on 08.06.21, Ashra to continue to attend the FC caller meetings and has agreed with the group that she will choose suitable patients for the study to contact within the meetings where appropriate, these will include C&V patients for STRECTHED. Amendment has been made and approved for the study which include 1. Change in the Prinicpal Investigator in West Midlands Ambulance Service Trust from Rob Cole to Imogen Gunson (page 6 of Protocol V2.1) 2. Addition of timeline in the sudy design for participants page 13 & 14 (see attached document Protocol v 2.1) 3. Refining of the study design to include people who are eligible for case management (Protocol V2.1 & Topic Guide for Patient interviews V3.1) 4. Refining the topic guide to change a Question 2 to, (Topic Guide Patient interviews v 3.1).

11.05.21 - Awaiting email back from RP regarding identification of patients for interviews.

27.04.21 - Data collection is now complete, with a total of 355 frequent callers identified. Next steps are to transfer the data to the data collection template and upload directly to SAIL to anonymise the data, plans are in place for this to happen w/c 26.04.21

13.04.21 - LW undertook training for STRETCHED on 12.04.21.It has been agreed that all research tasks initially to be undertaken by a Paramedic research officer are now to be conducted by Research Officer (Non Clinical), this does not include intial approach to patients. Data collection has commenced and LS has identified 153 paricipants, LW has identified 90/11 (CHECK).

12.04.21 - Contact from RP to confirm that Anna Sussex C&V has said that recruitment for STRETCHED/INFORM is in hand in

07.09.22 - Queries around data collection have now been satisfied and responses will be included in the study write up. The study close down date is 30.09.22 and WAST will be claiming the final costs before this date.

24.08.22 - LW to meet with AK 26.08.22 to outline data collection process undertaken during the study. 22.06.22 - Study team queried data upload (to SAIL and NWIS) with study team as SAIL are unable to find file 2 upload, following email communications SAIL were able to find the file 2 data upload which is now with SAILs quality assurance team, and from there will be released to AK.

24.05.22 - LS emailed study team 07.04.22 for final recruitment figures for InFORM to upload onto LPMS. Reply received 20.05.22 advising WAST R&D team to upload all recruitment data to LPMS and fix issues on CPMS with Anuerin Bevan & Cardiff & the Vale recruitment figures. Dates of recruitment do not need to be specific and recruitment figures are as follows; Interviews Sept - Nov 2020 (AB = 11, C&V = 10, Wales = 2), Interviews Jan - Mar 2022 (AB = 10, C&V = 6).

29.03.22 - Study extension approved from HCRW till September 30th 2022. SAIL data analysis ongoing - still waiting for SAIL to approve access. Expected to gain access mid April. All recruitment of patients has been closed. 16 patients have been interviewed and 23 staff interviewed. Next steps to analyse data, submit report to HCRW and publish papers. 10.02.22 - Confirmation needed from WAST information governance team for SAIL to release study data to Swansea University. Confirmation sent to SAIL colleagues 28.01.22 and data has now been released.

12.01.22 - Data items are now available for Swansea University to view, pending confirmation of approval from WAST.

15.11.21 - An issue with data submission to NWIS and SAIL databank platforms (missing data for Hywel Dda Health Board) has meant LW has had to reupload data files to the platforms. Data was uploaded on 10.11.21.

21.10.21 - The data collection for the InFORM project is now complete and has been uploaded to the NWIS and SAIL databank platforms. Recruitment of participants for interviews is still ongoing due to issues surrounding the identification of suitable patients.

24.08.22 - The study is now live in Hywel Dda and Powys with 21 recruitments and 67 trained paramedics. Two RSOs within the Research department have now left to join other services and there have been challenges with training figures, and it has been communicated by SBUHB staff that there is low staff confidence in EZ IO.

20.07.22 - Training has now opened up into Hywel Dda health board and recruitment has begun. Envelopes have been placed

20.07.22 - LW met with DV (PHW Research Officer) to further discuss the data elements for the study. LW provided a document showing a clear route of the data collection process within WAST, however HI have suggested that data acquisition would take a long time due to little to no reporting on language requests and requirements of patients. LW to make enquiries for next steps and complete a 'trial' of the data collection process to assess its feasibility. LW and DV to meet 01.08.22 to further discuss

22.06.22 - A summary of 4 amendments to the project was provided to the WAST research team on 15.06.22 these include; 1. September 21 amendment added another primary care site to project (Clifton Surgery Roath). 2. November 21 - Change in principle investigator of participating site and addition of online interviews (in addition to face to face interviews). 3. May 22 - inclusion criteria in survey and epidemiological study. 4. May 22 - 3 survey methods are being tested instead of two, these include postal, online and using community links. KH has forwarded the query on the IG position with HEAR2 i.e. PHW researcher having access to WAST data and sending out questionnaires based on invoice details, meeting has been requested.

24.05.22 - Study team are now submitting an amendment to the study take into consideration the changes, i.e. data collection. Communications are continuing regarding study interviews. We have now received two expressions of interest.

18.03.22 - A plan for data acquisition process has been written by LW. Meeting with Information Governance taking place 22.03.22 to further discuss the IG elements of the project such as requirements for a DPIA. Meeting with study team set up for 22.03.22 to outline the process of data acquisition and discuss the project. Poster has been sent to WAST for recruitment

22.08.22 - The first project team meeting commenced on 15.08.22. The team agreed to continue with bi-weekly meetings. Collaboration agreement is drafted and awaiting review. Grant letter has been signed and returned to Welsh Government.

15.11.21 - Emailed for update. No update at present.

14.06.21 - No update at present.

11.05.21 - No update at present.

27.04.21 - Email from CE, who has discussed since with the Director of postgrad research and plan to slightly amend protocol to include more than one (digital) focus group - to substitute observational work. This will accommodate safe testing of admission avoidance hypotheses (given Covid-19 context).

24.03.21 - No further updates at present.

09.02.21 - No further updates

11.01.20 - update from CE via email that there have been delays due to COVID. Programme theories now need testing in 'the

04.07.22 - The final report, Q6 report and the BoK guidance were submitted to the AAIP on 01.07.22, the project group is now awaiting feedback from the AAIP.

21.06.22 - The ASSIST group presented an end of project presentation to the AAIP on 21.06.22 followed by a Q&A session. Work is now focused on completing the final project report, and the Q6 report due on 01.07.22.

23.05.22 - Work is now ongoing to complete both the Q6 report and the final report for the project. The DPIA for the smaller set of calls (6 calls) is now complete and the calls were shared with LW 16.05.22 to view and confirm no identifiable information is present within. LW confirmed this to the ASSIST team 18.05.22 and is awaiting approval from the records team to share calls with Corti.

11.04.22 - The 3 month extension request was denied by the AAIP project team as the ASSIST project team is unable to provide firm and certain assurance that the data will be released following the DPIA (for the smaller and larger data set), this is due to the DPIA having to be approved by the DPO (within WAST) for the smaller data set, and reviewed by the ICO for the larger. Following the submission of the Q5 report to the AAIP, a decision has been made to pause the release of project funds until Q6 - where the project team will be able to evidence any progress made towards the project objectives. DPIA progress is currently ongoing but is being delayed as due diligence questionnaire responses from Corti have not yet been received. The project team will be meeting with WAST technical team on 14.04.22 and a meeting to discuss further with Corti will be set up for w/c 18th April.

18.03.22 - The project team have requested a 3 month extension from the AAIP to the project due to data acquisition delays and discussions are currently ongoing with the AAIP. This follows the decline of the request for a 6 month extension after which the AAIP suggested requesting 3 months. The DPIA for the full (larger) data set of calls is ongoing but will be delayed due to the decision by the project team to focus on the smaller data set first, which will be used for Welsh dialect AI teaching purposes. The smaller set of calls are currently held by the WAST records team but there will need to be a DPIA in place and approved before they are released to the project team and then Corti, the DPIA for these calls is currently in progress hence the delay to the larger data set DPIA. A meeting has been set up with the WAST ICT technical team 14.04.22 to discuss the process for acquiring the larger set of 999 calls.

10.02.22 - Quarterly report resubmitted to AAIP on 14.01.22 and reviewed and accepted by AAIP team on 19.01.22. Meeting took place with Information Commissioners Office who were excited about the project, they suggested KH to do DPIA and include the rationale and why section 251 isn't needed, this will then be checked by the OCW and the ICO and if approved, data collection can commence. The time frame for the DPIA is 6-8 weeks which has prompted NR and LW to contact the AAIP to facilitate discussions around a study extension. Group has agreed to ask for a 3 month extension to the project, with the view of possibly extended for an additional 3 months if necessary. The group are currently organising a stakeholder event which will take place in March 2022.

10.01.22 - Meeting to be held with Information Commissioners Office January 2022 to discuss necessary approval routes for ASSIST project. Q4 report submitted to AAIP, comments received 05.01.22 with a suggestion to resubmit by the 14.01.22. Group discussed possibility of pausing study but have decided to continue with the 6 month extension route. KH confirmed that

21.03.22 - NR contributed to the TAS Node in Resilience (REASON) Co-creation Workshop on 24.02.22. The Focus of workshop includes research on the ability of autonomous systems to carry out resilience-enhancing decision making and actions. The study aims to explore how resilience of autonomous systems might be supported and challenged in our application area and the values and norms underlying resilience-enhancing action.

15.11.21 - No updates at present.

14.06.21 - No updates at present.

18.05.21 - NR presented at REASON conference with York university in January 2021

11.05.21 - No updates at present.

24.03.21 - No updates at present.

09.02.21 - No further updates

07.01.21 - Study title of REASON - online workshop with project partners to be held on 22nd January. NR head of R&I

22.06.22 - Paper in draft.

21.03.22 - Bid submitted to RfPPB England.

16.08.21 - Video promotion of study has been developed and is being reviewed by EH (Estelle Hitchons).

23.07.21 - Carl & NR attended the event in Sussex Police on 10th July. Defib successfully deployed by winch mechanism from Drone to simulated OHCA. Testing aborted at midpoint due to technical challenges with drone and a future date is being identified to complete testing. team working on data analysis and write up. Poster has been submitted to the RCEM Conference.

14.06.21 - No update at present.

18.05.21 - Planning meeting next mon 24th may and the testing day planned for 10th July. Carl Powell and Chris Jones attending.

11.05.21 - No updates at present.

10.04.21 - Meeting for 09th July. NR and CR to attend

<p>01.04.22 - Coding for the thematic analysis began in March 2022.</p> <p>18.08.21 - Interviews are completed and transcripts are ready for analysing. This is due to take place in September.</p> <p>14.06.21 - No update at present.</p> <p>14.05.21 - Email FU for update.</p>
<p>21.09.21 - An alternative date has been identified for the workshop - October 25th and 26th. LS emailed Jeremy to ascertain whether event will be live or virtual. Date has been confirmed.</p> <p>24.03.21 - No updates at present.</p> <p>09.02.21 - No further updates.</p>
<p>24.05.22 - Study has now recruited 23 participants, and senior members of staff have all been interviewed. Data collection for objective 2 is nearing completion.</p> <p>29.03.22 - Ethical approval received 04.01.22. Greenlight notification for study recruitment commencement received 06.01.22. First forum meeting for study took place 21.03.22 and was attended by relevant stakeholders. Recruitment for study interviews is open and progressing well.</p> <p>24.03.21 - C&C completed and returned 15/03 and CID signed off by NR. LRA approval received 14.11.21.</p>
<p>24.05.22 - No updates at present.</p> <p>18.08.21 - MB chased finance 18.08.21 asking for invoice.</p> <p>16.08.21 - Paper has been published.</p>
<p>24.05.22 - No update at present.</p> <p>16.11.21 - C&C signed 09.09.21 and Catherine Goodwin is PI for WAST. Currently signing off research passport for Julian Hunt and Swansea Uni team. Non substantial amendment to add study team from Swansea Uni 08.11.21. Currently drafting the</p>
<p>24.05.22 - Email for update.</p> <p>16.11.21 - Letter of support signed by BL 13.09.21. C&C and PIC agreement signed by NR 28.06.21. Mike Brady as PI for WAST but PIC only. Alison Porter (Swansea Uni) as CI. Local information pack received 14.06.21.</p>
<p>26.07.21 - Final proofs of article reviewed and should be available</p> <p>18.05.21 - NR has submitted the protocol which is accepted by British Paramedic Journal registered with prospero. NR currently working on data analysis.</p> <p>11.05.21 - No updates at present</p> <p>12.04.21 - Email from COP that they have accepted the protocol paper. Email from Julia Williams who has offered to fund the paper to be submitted to open access. follow on from PECC-19</p>
<p>24.08.22 - Further publication options are being explored and member checking is currently taking place.</p> <p>23.04.22 - The R&I Department have agreed to support a new mixed methods study looking into the attitudes towards Body Worn Cameras within ambulance and pre hospital care in Wales. The study had an aim of 10-12 interviews with WAST staff to better understand their attitudes. 14 interviews have taken place in total and have been transcribed and the study is now in the</p>
<p>20.07.22 - The Welsh Blood Drone project group have organised a second stakeholder event taking place 28.07.22 at Celtic Manor to discuss project next steps and finalise the report for Welsh Government.</p> <p>22.06.22 - Monitoring report is complete and has been sent back to Alex Gibbon. WAST is awaiting a response from the finance team. The SLiNK-TECH team have now visited Royal Glamorgan Hospital and completed a site survey and are planing to visit Wrexham and complete a site survey 11th July. Next steps are to set up a workshop to discuss the possible provision of</p>
<p>24.05.22 - Study is now through to the final stage of funding. Study team received communication 15.05.22 to address peer reviewers comments on the study.</p> <p>11.02.22 - Stage 2 bid is being submitted for the study with a due date of 17.02.22.</p>

Studies in Set Up/ Development Updates



Portfolio Study?	Site Status	Study Acronym	Long title	PI
No	In Development	RAPID 2	Paramedic Fascia Iliaca Compartment Block. Follow-on study of RAPID Trial which was led by WAST	Duncan Robertson / Leigh Keen (Associate PI)
No	In Development	Violence & Aggression directed towards Ambulance Staff		Nigel Rees (CI)
No	In development	PARA VR Projects		Nigel Rees
No	In development	PERCH2		Leigh Keen (CI)
No	In development	Optimising placement of public-access Automated External Defibrillators (AEDs) in Wales, using mathematical modelling techniques.		Nigel Rees
No	In development	Participatory Design Approach to Developing a Fair Human in the Loop Decision Support System in the Emergency Control Room of the EMRTS		Nigel Rees
No	In development	AI with Marstricht University - Syndromic surveillance		Nigel Rees
No	In Development	End of Life Care		Chris Moore
No	In Development	Nutrition & Hydration		Nigel Rees/ Hannah Lowther
No	In Development	Portable XRAY		James Gough
No	In Development	Cardiff University 'All Wales VR Platform'		N/A
No	In Development	Enabling human centred decision making through data visualisation		Nigel Rees
No	In Development	PHRASE2		Chris Moore
Yes	In Development			

Sponsor	IRAS ID
Swansea University	
WAST	not yet submitted to iras
WAST/Ches-ter	not yet submitted to iras
WAST	not yet submitted to iras
WAST	not yet submitted to iras
WAST	
Marstricht University	not yet submitted to iras
WAST	
Stirling University	
WAST	
WAST	
WAST	
WAST	

UPDATE

24.08.22 - Still in contract stage.

22.06.22 - Leigh Keen is the PI for RAPID2 as part of the associate PI scheme.

22.06.22 - This has now been agreed. NR communicating with YouGov regarding survey.

24.05.22 - In discussions on procurement of YouGov survey.

10.01.22 - Paper now published.

24.05.22 - BHF did not fund the project. Nigel John considering further funding options.

15.11.21 - Demonstration workshop held in North Wales 26.10.21 with 12 attendees.

21.09.21 - Paper was published in September issue of JPP. Study now submitted to BHF Translational award. PARA VR skills maintenance tool to be submitted for consideration as Rural Health and Care Wales Conference.

11.05.21 - No updates at present. Bid submitted to RfPPB - Unsuccessful 31/7/2020.

22.06.22 - During ERC Antwerp conference NR met with Terry Brown who wishes to progress this on a no cost basis. NR CP and LW working with Warwick University to progress a form of this study.

11.05.21 - No updates at present. Bid submitted to RfPPB - Unsuccessful 31.07.2000

EMAIL DAVID RAWLINSON 22.06.22 - Update document provided to NR form DR 22.06.22. WAST will be added as a study site via IRAS.

18.05.21 - Email to be sent for update and meeting to be set up with DR/NR to discuss.

16.08.21 - Unfunded. Actively persuing alternative funding calls.

18.05.21 - SBAR to be taken to the next Directorate Business Meeting (1st June 2021) and EMT.(2nd June 2021) Bid has now been submitted to welcome trust. 11.05.21 - No updates at present

20.07.22 - The study was not successful in the final stages of RfPPB funding. The study team has received the feedback and work is progressing on next steps/further funding opportunities.

24.8.22 - Draft infographic being circulated.

22.06.22 - Meeting took place with NR, Hannah Lowther (HBCL) 06.06.22 to discuss study.

~~12.04.22 - Meeting held to develop proposal on 16.12.21. Measuring the effect of a dual intervention on ambulance clinicians.~~

22.06.22 - All study governance is going through the quality directorate. AS to update Research study team on progress. 25.04.22 - Contracts are currently being signed.

05.05.22 - Meeting with VR team and WAST: Mike Jenkins, Brendan Lloyd, Jo Kelso NR in attendance, agreed Learning & development to be WAST representatives took place on 21.04.22. 28.04.22 NR sponsored discussion with all Wales innovation leads.

24.08.22 - Study paused.

Previous updates

20.05.22 - Work progressed on contracts.

07.12.21 - There have been significant issues with the hospital sites at other Trusts, with the East of England having lost a hospital site PI due to workload. Discussions have taken place regarding pausing the study via email, however no clear answer has been provided on how the study would be restarted if system pressures do not improve. The decision has been made however, to pause the study and Prof Snooks has contacted the HTA to initiate this. Work will continue by the study team on a

15.11.21 - Revisions requested and documents resubmitted 12.11.21.

06.08.21 - Paper submitted to Journal of Aggression, Conflict and Peace research. Exploring potential evaluation with LH (Lois Hough) through YouGov poll and other methods, H also exploring service evaluation with GMC and James Gough.

06.07.2021 - Final paper being drafted for submission on 30.07.2021, continue to develop R&I development group. SBAR

16.08.21 - Paper to be published in September issue of JPP.

26.07.21 - Bid in development to BHF Translational Award led by Chester University. Collaborators include WAST, RESCAPE VR Industry Partner. Meetings held with Welsh Government industry colleagues to discuss commercialisation case required for bid.

~~**18.05.21** - VCPD paper accepted by Journal of paramedic practice and addressing peer review process. Simulation group met~~

11.05.21 - No updates at present

24.03.21 - No updates at present. Email David for update.

PhD student - David Rawlinson - arranging meeting for PhD student and team.

13.04.21 - Proposed start date of 01.03.22. Due to timeframes some uncertainty in terms of resource and capacity to deliver this study at this time. BL and AH (Andy Haywood) updated and supportive of application as per research project issues will be addressed at the appropriate time if funded. Will be submitting a grant in April 2021.

24.03.21 - No update at present.

11.02.21 - RMG Meeting held 11.01.2021 Maastricht University now leading/sponsor on the application: Prof Thomas Krafft CI. Presenting to NARSG next month. Identifying data items/management: Thomas Kraft discussing AMPDS codes with Jerry

25.04.22 - Study team has addresses scientific reviewer comments and sent response. Awaiting further communication.

17.02.22 - Second stage bid has now been submitted and project team are awaiting an outcome which is due in June.

11.02.22 - First research development group meeting took place 31.01.22, with a request to all Co Applicants to provide their CVs and salary data for the stage 2 bid submission and to verify themselves on the online system as Co applicants. Feedback on the stage 2 bid was also requested from all co applicants in the meeting. Work is ongoing on the stage 2 submission which

LPMS Governance

Active Research Updates Archived Research

IRAS ID	Short Title	Adopted onto Health and Care Research Wales Portfolio	Date Site Invited
Active Studies			
213623	PhRAsE	TRUE	24/07/2017
134959	Out of Hospital Cardiac Arrest Outcomes Project	TRUE	20/06/2013
248818	TIME	TRUE	06/12/2017
252193	Paramedic roles in general practice home visits (ARRIVE Stage 1)	TRUE	07/08/2018
250693	InFORM: improving care for people who Frequently call 999	TRUE	05/03/2019
262419	Managing Ambulance 999 Callers With Sustained High Needs: STRETCHED	TRUE	12/12/2018
266293	IMPACT MULTI-AGENCY	TRUE	24/09/2019
262951	Restart A Heart Day Surveys v1.0	TRUE	13/08/2019
258505	BACKonLINE	TRUE	27/03/2020
281958	PRINCIPLE	TRUE	26/03/2020
298182	PARAMEDIC-3	TRUE	
290877	HEAR 2 Interpretation services for Refugees & Asylum Seekers	TRUE	
219629	A Realist Evaluation of Welsh Ambulance Gatekeeping Stratagem	FALSE	09/08/2017
282314	CARA Study	FALSE	25/03/2020
282623	PECC-19	FALSE	03/04/2020
286001	The COMPARE study	FALSE	04/03/2021
287662	Exploring that effects home working has on 999 telephone triage staff	FALSE	
294134	ASSIST	FALSE	
298902	Experiences of staff providing telephone CPR instruction	FALSE	
295349	TRAUMA CALLS	FALSE	
288931	Ambulance Staff: Workplace Climate and Wellbeing	FALSE	
287110	PRE-FEED REAL V1.0	FALSE	

Completed/Archived Studies			
147538	PARAMEDIC 2: The Adrenaline Trial	TRUE	
191603	Prudent Healthcare	TRUE	
152655	Extending the paramedic role during assessment of stroke, Version 1	TRUE	
189123	Ethnography of 'Primary Care Sensitive' Ambulance Contacts	TRUE	
192273	EDARA	TRUE	
183909	Rapid Analgesia for Prehospital Hip Disruption (RAPID)	TRUE	
190685	Transient Ischaemic Attack 999 Emergency Referral (TIER)	TRUE	
172456	PASTA	TRUE	
212777	Emotional Impact of Telephone-Assisted CPR on EMS Call-Takers	TRUE	
202720	Prevalence and trends in UK ambulance service staff suicides	TRUE	
203647	ERA Electronic Records in Ambulances	TRUE	
167115	RIGHT-2	TRUE	
206173	CARE: Concept mapping of risk perceptions in emergency care governance	FALSE	
223952	The Impact of Advanced Paramedic Practitioners in Rural Communities.	FALSE	
245378	Physical health and wellbeing of Emergency Medical Staff	FALSE	
248220	Pre-hospital STUMBL Focus Group study	FALSE	09/05/2018
219845	Memory impairment screening by Advanced Paramedic Practitioners	FALSE	
221069	Paramedics perception of pain in Dementia patients	FALSE	
248748	Pre-hospital ECG in acute coronary syndromes: PHECG2	FALSE	23/08/2017
80034	Investigation of RCT implementation in pre-hospital emergency care	FALSE	
257539	Normative and narrative – triage call handlers' discretionary space	FALSE	22/11/2018
266262	Perceived Level of Engagement in Quality Improvement.	FALSE	25/06/2019
268490	Paramedic identification of patients with end of life care needs.v.1	FALSE	01/11/2019

Research Updates > Studies in Development > LMPs Governance > Risk Log > Completed &

Date Site Selected	HRA and HCRW Approval Date	Date Site Confirmed by Sponsor	Date Site Confirmed	Non-Confirmation Status	First Participant Recruited at Site	Date Site Ready To Start	Reason for Delay in Recruiting First Participant
24/07/2017	01/01/1900	10/08/2017	24/08/2017	[NOT SET]	03/12/2017	01/12/2017	na
20/06/2013	01/01/1900	24/10/2013	24/10/2013	[NOT SET]		09/01/2014	na
17/01/2019	21/02/2019	23/07/2018	13/03/2019	[NOT SET]		15/06/2019	na
07/02/2019	29/07/2019	15/01/2019	15/03/2019	[NOT SET]	09/04/2019	15/03/2019	na
05/03/2019	25/06/2019	09/08/2019	09/08/2019	[NOT SET]	12/02/2021	09/08/2019	na
12/12/2018	23/05/2019	05/06/2019	22/07/2020	[NOT SET]		22/07/2020	na
24/09/2019	06/09/2019	25/09/2019	08/10/2019	[NOT SET]			na
14/08/2019	01/01/1980	01/10/2019	03/10/2019	[NOT SET]	16/10/2019	03/10/2019	na
27/03/2020	02/12/2019	04/08/2020	24/07/2020	[NOT SET]		06/08/2020	na
19/06/2020	26/03/2020	05/08/2020	21/07/2020	[NOT SET]		05/08/2020	na
	24/08/2021			[NOT SET]			na
	09/07/2021			[NOT SET]			na
24/09/2017	01/01/1980	31/07/2017	27/09/2017	[NOT SET]		27/09/2017	na
31/03/2020	31/03/2020	31/03/2020	31/03/2020	[NOT SET]	02/04/2020	02/04/2020	na
03/04/2020	04/04/2020	06/04/2020	06/04/2020	[NOT SET]	09/04/2020	06/04/2020	na
04/03/2021		05/03/2021	05/03/2021	[NOT SET]	16/04/2021	05/03/2021	na
				[NOT SET]			na
				[NOT SET]			na
				[NOT SET]			na
				[NOT SET]			na
				[NOT SET]			na
				[NOT SET]			na

	01/01/1980	11/11/2014		[NOT SET]	14/07/2015	14/07/2015	
	01/01/1900			[NOT SET]	06/05/2016		
	01/01/1900			[NOT SET]			
	01/01/1900			[NOT SET]			
	01/01/1980	03/12/2015	06/07/2016	[NOT SET]	15/07/2016	06/07/2016	
	01/01/1900			[NOT SET]	11/07/2016	18/04/2016	
				[NOT SET]	10/01/2017	02/05/2016	
	01/01/1980		02/08/2016	[NOT SET]	06/10/2016	03/10/2016	
	01/01/1980			[NOT SET]			
	01/01/1980			[NOT SET]		18/07/2016	
	01/01/1980		26/10/2016	[NOT SET]	12/04/2017	13/02/2017	
	01/01/1980		09/11/2015	[NOT SET]	25/10/2016	06/07/2016	
	01/01/1900		25/05/2016	[NOT SET]		25/05/2016	
	01/01/1900			[NOT SET]			
	01/01/1900			[NOT SET]			
09/05/2018	01/01/1900	09/07/2018	09/07/2018	[NOT SET]		09/07/2018	
	19/07/2018			[NOT SET]			
	01/01/1980			[NOT SET]			
18/08/2018	01/06/2018	13/03/2019	13/03/2019	[NOT SET]	24/09/2019	16/05/2019	Other
	01/01/1900			[NOT SET]			
22/11/2018	30/04/2019	22/11/2018	13/03/2019	[NOT SET]	20/05/2019	15/05/2019	
25/06/2019	11/02/2019	25/06/2019	05/07/2019	[NOT SET]	15/07/2019	05/07/2019	
01/11/2019	01/01/1980			Site declined to participate			

Archived Studies

Source of Delay in Recruiting First Participant	Comments / Reasons	Study Actual Close Date	Site Actual Recruitment Close Date	Informed Consent Required	Date Study Initiated	No Confirmation of C&C Required
[NOT SET]	na	31/05/2018	26/03/2018	FALSE	31/05/2017	FALSE
[NOT SET]	na			FALSE	20/06/2013	FALSE
[NOT SET]	na			FALSE	14/09/2018	FALSE
[NOT SET]	na	27/09/2019	03/06/2019	FALSE	14/02/2019	FALSE
[NOT SET]	na			FALSE	26/02/2019	FALSE
[NOT SET]	na			FALSE	12/12/2018	FALSE
[NOT SET]	na			FALSE	12/09/2019	FALSE
[NOT SET]	na	31/10/2019	16/10/2019	FALSE	11/06/2019	FALSE
[NOT SET]	na	31/03/2021	11/06/2021	TRUE		FALSE
[NOT SET]	na			TRUE		FALSE
	na			FALSE		FALSE
	na			TRUE		FALSE
[NOT SET]	na			FALSE	31/07/2017	FALSE
[NOT SET]	na	17/07/2020	21/04/2020	TRUE	30/03/2020	FALSE
[NOT SET]	na		06/07/2020	TRUE	03/04/2020	FALSE
[NOT SET]	na	31/05/2021	04/05/2021	TRUE		FALSE
	na			TRUE		FALSE
[NOT SET]	na			TRUE		FALSE
	na			TRUE		FALSE
	na			TRUE		FALSE
	na			TRUE		FALSE
	na			TRUE		FALSE

		18/11/2017	18/11/2017	FALSE	07/03/2014	FALSE
		31/08/2017		FALSE	19/11/2015	FALSE
		01/07/2015		FALSE	01/01/1980	FALSE
		27/02/2017	22/02/2017	FALSE		FALSE
		31/10/2018	31/10/2018	FALSE	03/02/2016	FALSE
		31/07/2017	31/07/2017	FALSE		FALSE
		30/09/2019	30/09/2017	FALSE	23/11/2015	FALSE
		30/09/2018	30/09/2018	FALSE	19/08/2015	FALSE
		30/12/2016	31/01/2017	FALSE		FALSE
		09/03/2017	09/03/2017	FALSE	22/03/2016	FALSE
		01/05/2018	31/12/2017	FALSE		FALSE
[NOT SET]		30/05/2018	30/05/2018	FALSE	12/01/2015	FALSE
[NOT SET]				FALSE	07/11/2016	FALSE
				FALSE		FALSE
				FALSE		FALSE
[NOT SET]			09/07/2018	FALSE	09/05/2018	FALSE
[NOT SET]				FALSE		FALSE
[NOT SET]				FALSE		FALSE
Both NHS and Spo	Availability issues fo	06/11/2019	02/10/2019	FALSE	05/09/2018	FALSE
				FALSE		FALSE
[NOT SET]			05/06/2019	FALSE	07/03/2019	FALSE
[NOT SET]			17/07/2019	FALSE	15/06/2019	FALSE
[NOT SET]		05/01/2020		TRUE		FALSE

STUDY RISK LOG

Active Research Updates

Archived Research Updates

Ref. No.	Category	Risk	Date Raised	Raised By	Status	Status	Likelihood
2	COVID-19	COVID-19 risk across all WP's and staffing.	21.12.20	NR	OPEN	WAST	Possible
3	Clinical Input	Limited clinical input regarding Clinical input from Ed Harry.	21.12.20	NR	OPEN	WAST	Likely
5	Staffing	Research Officer activities	03.03.21	NR	OPEN	WAST	Possible
6	ICT	Delays involving the technical input of WAST's specialist ICT colleagues which as significantly delayed project.	14.04.21	NR	OPEN	WAST	Likely
1	COVID-19	COVID-19 Pandemic	24.11.21	LS	OPEN	NR	Likely
2	Equipment	EZ-IO Needle supply shortage	24.11.21	LS	OPEN	NR	Likely
4	Staffing	RSO release (cc) from 30% WTE to 50% WTE	24.11.21	LS	OPEN	NR	Almost Certain
5	QR Code Issue	Error on QR code included on the training package was set to be sent directly to CC email and so the team were not able to access.	18.04.22	LS	OPEN	CE	Possible
6	ePCR Access	Delays in accessing PCRs following notifications of enrolment.	05.05.22	LS	OPEN	CE	Almost Certain
7	DPIA Completion	There have been significant delays with finalising the DPIA for Paramedic3 due to staff shortages in the Information Governance Team. Although almost complete KH will check that the category of CAG is sufficient for all study activities in WAST specifically the contacting of surviving patients. The P3 Study went live 8th	05.05.22	LS	OPEN	NR	Almost Certain
8	Access to the Warwick Qualtrix Database	RSOs have not been able to access the Qualtrix Database since our first recruit on 09/04/2022	18.05.22	LS	OPEN	NR	Almost Certain

Consequences	Risk Rating
Major	12
Minor	8
Moderate	9
Major	16
Moderate	12
Major	16
Major	20
Minor	6
Major	20
Minor	10
Moderate	15

Mitigation & Contingency

ASSIST

To monitor COVID-19 internally, and with external collaborators.
03.03.2021 - Likelihood of risk reduced as WAST has been scaled from from Response to Monitor phase.
 Ed to continue to provide as much support as possible with updates from NR and LS, clinical oversight to be made by Nigel where appropriate.
 NR and LS to monitor the project activities for the Research Officer
11.04.22 - ICT have confirmed they are able to facilitate the ICT requirements of the project. Project is now facing issues due to the need for a DPIA for the project to share call data with Corti. IG colleagues are creating two DPIA documents for both the smaller and larger data sets which are due to be complete in April. A technical meeting to discuss data is set up for 14.04.22.
21.06.21 - Email from CG 16.06.21 confirming that WAST ICT cannot progress and provide data due to a lack of capacity in the department. This is now being explored with Corti/NICE.
07.06.21 - Several meetings with WAST ICT, copenhagen EMS and ASSIST members, still yet to progress the data collection, need to formally escalate risk. Duncan Robertson to raise with Aled from WAST ICT for a formal position, as this is key to the ASSIST project and an update is needed urgently for collaborators and funders. Risk escalated again to 16.
04.05.21 - Meeting took place to discuss ICT in relation to the project on 04.05.21. Risk has now been descalated from a score of (20) to (12) following progression discussions. Close and conitnued monitoring of this in AI RMG meetings and WAST R&D.

PARAMEDIC3

Mitigation - Continue to montitor WAST COVID-19. Possible suspension of studies in WAST. **Contingency** - Possible suspension of studies in WAST
Mitigation - Continue to monitor internally. Discussed and raised at Ambulance Service Meetings. **Contingency** - RSOs to identify stock locations and arrange to be notified of deliveries
Mitigation - In contact with Line Manager to discuss. **Contingency** - Delays in study going live in North Wales area
Mitigation - LS and LW setup another QR code that links to the R&D Team for all the team to be able to access responses. CE resent the training package with updated QR codes to all those who received V1.0 of the training. CE will also record acknowlegdment of reciept of the new QR codes. The new QR code has also been printed to be displayed on ambulances. **Contingency** - CC will send the responses already received to CE and the old QR code will be deleted so no further responses will be able to be submitted via the old link or a link. The training package included a note that staff should contact the Paramedic3 email with notifications of enrollment if there are any issues with the QR link.
Mitigation - LS and LW have setup a template ePCR request form which needs to be submitted for each enrolment (Incident number/ ePCR number) LW contacted KW who noted that ePCRs will possibly be redacted if they are for research purposes. **Contingency** - CE will submit requests for non-redacted ePCRs but also contact the local
Mitigation - As the DPIA is yet to be completed the RSOs wont contact surviving patients until the DPIA has been received or confirmed by the Principle Investigator. **Contingency** - No surviving patients will be contacted until greenlight received from the PI.
Mitigation - RSOs have raised the issue at the Ambulance Service Meeting and contacted the study team to inform them of the issues accessing the database. **Contingency** - Delays uploading the recruitments to the database.

Archived Studies

Last Update	Next Update
07.07.21	21.07.21
21.07.21	18.08.21
21.07.21	18.08.21
11.04.22	11.05.22
24.11.21	29.11.21
24.11.21	29.11.21
24.11.21	29.11.21
04.05.22	At Weekly Team Catch Up
05.05.22	At Weekly Team Catch Up
05.05.22	At Weekly Team Catch Up
18.05.22	At Weekly Team Catch Up

Portfolio Study?	Site Status	Study Acronym	Long title	PI/CI	Sponsor
No	Completed	Narrative and Normative	how do triage call handlers navigate their discretionary space between listening to the caller and following the software-mediated protocol?	Jens Foell CI Chris Evans PI	BCUHB
Yes	Completed	Restart a Heart - Survey Study	Impact of Restart a Heart Day 2019 in the UK	Claire Hawkes CI Nigel Rees PI	Warwick University
Yes	Completed	RIGHT-2	Rapid Intervention with Glyceryl Trinitrate in Hypertensive stroke trial 2	Professor Phillip Bath (nottingham Uni) CI Nigel Rees PI	Nottingham University
Yes	Completed	PARAMEDIC-2	Pre-hospital assessment of the role of adrenaline: Measuring the effectiveness of drug administration in cardiac arrest	Gavin Perkins PI Nigel Rees CI	Warwick University
No	Completed	Snowdonia Aerospace Project (3D Project)	Snowdonia Aerospace Project (3D Project)	N/A	N/A
No	Completed	PERCH (PATHWAY TO PORTFOLIO)	Paramedics in Care Homes	Leigh Keen CI/PI	WAST
No	Completed	PARA-VR (PATHWAY TO PORTFOLIO)	Virtual reality Cardio Pulmonary Resuscitation (CPR) training for school children: PARAVR lifesaver junior	Nigel Rees CI/PI	WAST
No	Completed	STUMBL	Investigating paramedics' perceptions of the Pre-Hospital STUMBL Trial protocol: A focus group study	Ceri Battle CI Nigel Rees PI	SBUHB
No	Completed	Perception of pain in dementia patients (MSc)	An investigation into Paramedics perceived availability to assess pain in patients suffering with dementia.	Kerry Robertshaw CI Nigel Rees PI	Bangor University
No	Completed	Perception of engagement in Quality Improvement	Perception of engagement in Quality Improvement	Carol Westwell CI George Williams PI	Bangor University
No	Completed	EDARA	an evaluation of alcohol intoxication management services (AIMS) implications for service delivery, patient benefit and harm reduction.	Simon Moore (Cardiff Uni) CI Nigel Rees PI	Cardiff University
No	Completed	CARE (Pathway to Portfolio)	a feasibility study for developing a governance network for decision making about alternatives to attending Emergency Departments	Dr N Lloyd Jones (Glyndwr Uni) CI Nigel Rees PI	Glyndwr Uni
No	Completed	ERA	Electronic Records in Ambulances	Alison Porter CI Nigel Rees PI	Swansea University
Yes	Completed	PASTA	Paramedic acute stroke treatment assessment	Christopher Price CI Chris Moore PI	Newcastle NHS Trust
Yes	Completed	TIER	transient ischaemic attack 999 emergency referral	?	?
Yes	Completed	RAPID	rapid analgesia for pre-hospital hip disruption	?	?
Yes	CLOSED	EOL Care	End of Life Care	?	?
No	Archived	N/A	Informing delivery of care through research evidence: an investigation of randomised controlled trial implementation in pre-hospital emergency care	Gareth Thomas CI Richard Whitefield	Swansea University
No	Archived	N/A	Is a memory impairment screening tool used by Advanced Paramedic Practitioners.	?	?

No	Archived	N/A	exploring the physical health and wellbeing of Emergency medical staff: is there a fitness to practice issue?	?	?
No	Archived	N/A	the impact of Advanced Paramedic Practitioners in rural communities. An interpretive Phenomenological Analysis of Healthcare Provision in Rural areas of Wales	?	?
No	Archived	N/A	prevalence and trends in UK ambulance service staff suicides	?	?
No	Archived	N/A	out of hospital cardiac arrest: the emotional impact on EMS call takers offering and providing telephone assisted CPR to family members.	?	?
No	Archived	AIMS	An ethnographic study of patient and carer interactions with ambulance services for primary care sensitive problems.	?	?
No	Archived	N/A	seeking professional views about extending the paramedic role during assessment of patients with acute stroke	?	?
No	Archived	N/A	a qualitative study of public and clinician views of, and participation in Prudent Healthcare	?	?
No	Withdrawn Support	N/A	Paramedic identification of patients with end of life care needs	Pete Eaton Williams CI Nigel Rees PI	South East Coast Amb Service
No	Closed	PHECG2	Use and impact of the Pre-Hospital 12-lead Electro Cardio Gram in the primary PCI era. Mixed method study (PHECG-2)	Tom Quinn CI Nigel Rees PI	Kingston University
No	Closed	Siren	SIREN (Sarscov2 Immunity & REinfection EvaluationN): The impact of detectable anti SARS-COV2 antibody on the incidence of COVID-19 in healthcare workers	N/A	N/A
Yes	Archived	CRASH4	N/A	Not yet submitted to IRAS	?

No	Archived	KESS (MSc)	Feasibility conducting a randomised controlled trial (RCT) of Resilience Intervention Training in undergraduate paramedics and emergency medical technicians.	N/A	N/A
No	Archived	Fear on the Frontline	N/A	?	?
In Dev.	Archived	N/A	METASYNTHESIS OF HEROISM IN PARAMEDIC PRACTICE DURING COVID-1	N/A	N/A
No	Archived	PECC-19	Paramedic Experiences of providing Care during the 2020 COVID-19 Pandemic (PECC-19): A qualitative study using Grounded Theory	Nigel Rees PI	WAST
No	Archived	Simulation Study	N/A	Nigel Rees PI	?
YES	Archived	Pre-Feed Trial (PhD)	Prehospital feedback in the United Kingdom: A realist evaluation of current practice using a multiple-case study design	Caitlin Wilson	University of Leeds

No	Archived	RESPARE	A qualitative study exploring the experiences of research paramedics working in the UK.	Karl Charlton (NEAS)	North East Ambulance Services NHS Trust
No	Active	BHF Call Handler Study (PhD)	Improving outcomes of out of hospital cardiac arrest (OHCA): applying behavioural science to enhance telephone assistance and increase rates of cardiopulmonary resuscitation.	Nigel Rees / Barbara Farquharson (CI)	University of Stirling
Yes	Archived	BACK ONLINE	BACKonLINE: Internet based personalised self-management support system for people with back pain	Ceri Bryant	Cardiff University
Yes	Completed	ARRIVE	Ambulance paramedics Responding to urgent patient Requests In general practice for home Visits - Evaluation development	Grayham McClean	WAST
Yes	Completed	PHRASE	Pre hospital recognition and antibiotics for 999 patients with sepsis	Chris Moore	WAST
Yes	Completed	TIME	Feasibility Study for Take Home Naloxone Kits: TIME	Chris Moore	Swansea University
Yes	PAUSED	PRINICIPLE	Platform Randomised trial of INterventions against COVID-19 In older people.	Chris Powell	Oxford
No	Archived	COMPARE	The impact of COVID-19 on Emergency Medical Service led out of hospital cardiac arrest resuscitation: A Qualitative study.	Nigel Rees	South Western Ambulance Services NHS Trust
No	Archived	Cessation		Larissa Prothero (CI)	

No	In Development	PHD Cardiff University Stroke Detection	N/A	N/A	N/A
	In Development	HORIZON 2020 AI Study		Nigel	
No	Active	POCT (PATHWAY TO PORTFOLIO)	Point of care testing	Carl Jenkins	WAST
No	Active	PAD map	PADmap: Improving out-of-hospital cardiac arrest (OHCA) outcomes by data-driven optimisation of placement of Public Access Defibrillators in high-risk OHCA areas.	Gareth Clegg	East of England Ambulance Service
Yes	In setup	Impact of Multi Agency	Evaluation of multi-agency working within the Social Services and Well-being (Wales) Act 2014	Carolyn Wallace	University of South Wales
No	Active	Wales COVID-19 Wellbeing Survey		Nigel Rees	Swansea University

IRAS ID
257539
262951
147538
NO IRAS
NO IRAS
NO IRAS
248220
221069
266262
192273
206173
203647
172456
190685
183909
?
280034
219845

245378

223952

202720

212777

189123

152655

191603

268490

248748

N/A

?

NO IRAS

NO IRAS

N/A

N/A

286001

287110

298311

298902

258505

252193

213623

248818

281958

286001

269289

N/A
NO IRAS SUBMISS ION - PATHWA Y TO PORTFO LIO
N/A
266293
284877

ALL UPDATES

Awaiting funding. HRA & REC approvals complete. NR is working with Dr Foell to ensure the project/protocol he develops would be feasible to deliver in WAST. Chris Evans CI Medical students (interviewers) will require research passports to access WAST and BCUHB sites. Research passports completed and sent back to Jens and CE. Interviews commencing. Interviews have now been completed. All the targets have been reached: we recruited the quorum of six participants from each service (Welsh Ambulance NHS Trust, NHS Direct, GP, OoH). There were 21 Completed surveys have now been returned to Warwick University. WAST recruited 217 participants at the RSAH training date in Dwr Y Felin School. Delegation log and site surveys database completed and returned to Warwick. WAST are participating in a Restart a Heart survey study which involves dissemination of questionnaires to attendees of the Restart a Heart training days with adults and school children. The study aims to recruit 200 participants in WAST on events around the 16th October. Due to the short deadlines we are currently in the process of Confirming capacity and capability and contract signing. 2 schools were unable to take part from the Swansea and Neath area. One due to committing to another health survey which coincides with this study and the school didn't feel it was appropriate to overwhelm the parents. The second school has no email system in place to contact the pupils, parents and wouldn't be able to justify the resource to send out letters. Recruitment opened 5.10.16 and ended on the 25th May 2018. The total number of patients recruited was 1,149 of which WAST recruited 89 patients. Currently uploading MDS items to LPMS

Study Closed - Uploading MDS items to LPMS and completing closedown checklists. 1 consent form missing - LS to chase up copy to sign off. Site in close down WAST collaborators will continue to work on dissemination of results through presentations and publications. Paper in New England Journal of Medicine. Economic analysis work will now begin which will take approximately six months to complete.

Drone demo event in Snowdonia was arranged for 23rd-25th March which included a media day, VIP day with drone demonstration and a community engagement day. Unfortunately this was cancelled due to the COVID19 situation as all WAST staff needed to support operations and cancel planned events. Another date to be arranged. Paper ready

Completed - PERCH2 Bid Submitted. Pathway to portfolio study - successful at funding. LK working with Swansea uni (ARRIVE team) Contract fully signed. RFPPB for PERCH 2 bid submitted - Leigh Keen as lead - signed off by BL. Swansea Uni are preparing the 2nd stage

Pathway to portfolio study - successful at funding. Working with Chester University. Awaiting collaboration agreement. Provision of services agreed to act as the agreement - signed and returned. Chester University working on developing the software for the VR program. The study team will be attending the Restart a Heart Study day on 16th Oct in Rossett, North Wales at Darland School. School aware and happy for 12 children to demo of VR CPR training. RFPPB Bid to be submitted. RFPPB bid submitted - Study team attended school in North Wales - Demo study closed DEC 2018. Currently updating LPMS MDS items. WAST approved access letter 12/9/18 for research to commence from 1/9/18 to 30/11/18 thoracic trauma surgeons will be based at Cardiff, separate to the major trauma centre in ABMU. Noted the pre-qualitative study has been completed.

study closed. Currently updating LPMS MDS items

interviews with staff completed. Recruitment data recorded on LPMS. Study closed with WAST. proposal/PIS and PCF sent to the risk review group on 26/6/19 for review. Hra/hcrw approval. C&C Completed and sent to George. Site file set up.

Study Closed - Uploading MDS items to LPMS. Study in close down. Finalisation of publication paper and event planning for sharing of findings.

Study Closed - Uploading MDS items to LPMS. Noted the study has now been completed. Awaiting publication.

Study in close down. Continued work on publication/dissemination

Study Closed - Uploading MDS items to LPMS. LS currently working on closedown for PASTA with Chris Moore.

Study Closed - Uploading MDS items to LPMS. LS currently drafting study closedown notifications, ISF checklists for sites, cover letters and archiving declarations to send to Cwm Taf. LS to link with Chelsea Hampton to complete for WAST.

Study Closed - Uploading MDS items to LPMS

Study Closed - Uploading MDS items to LPMS. WAST has given approval on 5/9/18 for the above project to commence from the 05/10/2018

Study Closed

Study Closed.

Study Closed.
Study Closed.
Study Closed.
Study Closed.
Study Closed.
Study Closed.
Study Closed.
WAST have been invited to take part in the questionnaire study from South East Coast Ambulance Service. Protocol sent to Risk Review Group 4/11/19 for comments before the end of the week (8/11/19). No objections from Information Governance or Brendan Lloyd. WAST unable to complete C&C to support study due to sickness and staffing issues in R&D during the proposed data collection period (Nov-Dec 13.04.21 - Move to closed. 23.03.21 - Continue working on close down of study. 23.03.21 - Continue working on close down of study. 09.02.21 – No Further updates. 07.01.21 - study abstract submitted to 999 EMS forum and WP1 abstract has been submitted to ESC (acute cardiac care congress 2021). 17.03.20 - The PHECG2 study was suspended in WAST on 17th March due to the COVID-19 outbreak. It has been agreed with the study team at Kingston University that the study will not be progressed within WAST and closedown will now commence electronically. The site file in the ILS2 R&D Office will be closed once the building has been re-opened. Closedown now in progress. 12.03.2020 - Unfortunately, due to the COVID19 situation all studies within WAST are now currently on suspension due to all clinical staff being pulled to support operations. Study team sent suspension letter and recorded on LPMS. Older Updates: NICOR/ HQIP APPROVAL AND ACCESS REQUIRED. Confirmed capacity and capability to deliver - email sent on 15/2/19. Awaiting documents to be sent over from PRIME Center Wales and Kingston University. Currently arranging EMT Focus Groups - PIS/EOI and Flyer documents sent to leuan to circulate to teams attending event at Colwyn Bay 5th June. Lucia and Mary to contact us if enough EOI are received. leuan booking a slot at the event for the focus group - due to timings CSG to advertise study and Mary & CE to arrange time, date and venue to hold the focus groups. Focus group potentially to be held at Rhadyger 20th June 4-6pm awaiting confirmation from Mary Halter to send off PIS/EOI to attendees. Mary unable to attend on 20/6/19 - awaiting availability dates to arrange a local independent focus group. Date saved for 31st July - Focus group to be arranged for mid/south wales and 1 group in North wales will align with the next clinical support group. Focus groups re-arranged - 30th July (Powys Newtown Ambulance Station at 2pm) and 31st July (Colwyn Bay at 5pm) Focus group dates (30th July Colwyn Bay and 31st July at Newtown) have now both been cancelled due to insufficient numbers to run groups. Teleconference arranged for 1/8/19 1-2pm to discuss. Chris and Rhys (RSO) both completed PHECG2 training (8/8/19) IG reviewed by Craig Garner. All queries responded by Study team and no further issues. Focus group planned for 29th August at Cardiac event has been postponed. Focus groups to be re-arranged to align with the COP conference on 24th Sept - Emailed study team to ensure date suitable. 16.08.21 - To be archived. 14.06.21 - No update at present. 11.05.21 - No updates at present. 24.03.21 - WAST were asked to be a participant identification centre (PIC) to advertise study on Siren to WAST staff who could then contact their health boards local research team for more information to participate. WAST posted study poster to siren 17.03.21 16.08.21 - ARCHIVE. 18.05.21 - WAST not involved as no PI has been identified. 11.05.21 - No updates at present 13.04.21 - No update at present. 24.03.21 - No updates at present. 14.01.21 - Currently Awaiting response from Paula Jeffreys as to capacity to fulfil role of PI due to her professional nursing registration (Email sent 4th December 2020 and reply on 14th December 2020 to be discussed with Andy on return from leave) 05.12.20 – Continued support requested from WAST. Sites in LAS and SCAMB setting up pilot of CRASH4 Email received from the Team on 3rd Nov 2020 confirming the MHRA note that UK Legislations in relation to a CTIMP that a paramedic is not suitable for the PI role in WAST. Email 08.11.2021 from BL to confirm that JW and BL did not have capacity to act as PI at present. BL also noted other issues including the role of the pharmacist and storage of the drug, study model fitting current situation, and route of administration of the drug. Regarding role of ambulance pharmacists - NR has had email correspondence with Chris Moore on 11th November 2020 - As WAST don't have a trust pharmacist it was suggested that

16.08.21 - To be reviewed 16.09.21. Thesis was forwarded to Claire Vaughan and Brendan Lloyd.

13.04.21 - Imogen has sent a draft version of thesis, final approved version pending.

24.03.21 - Imogen to submit project thesis 31.03.21.

09.02.21 - No further updates.

13.04.21 - Imogen has sent a draft version of thesis, final approved version pending.

24.03.21 - Imogen to submit project thesis 31.03.21.

09.02.21 - No further updates.

07.01.21 - Imogen continues to work on write up of her project, final report submission to be completed.

03.11.20 - She is currently working on the write up of her project

Aiming to start MSc recruitment and advertised from 19th Dec 2018 – 22nd Feb 2019. Agreement to be sent to partners by 10th Jan 2019 before selecting and interviewing. No suitable applications and so the post was re-advertised. Interviews booked for 2nd July with meeting arranged for the 1st of July to decide on intervention for PTSD. Interview postponed to 8th July. Successful candidate appointed. Meeting arranged for the team on 20th August to discuss potential intervention. Team meeting on 17th Sept to discuss ideas for study. Imogen will be in post from 2nd October team to arrange meetings with her over the first week. Imogen came into post on 2nd Oct. She will be focusing on literature reviews and shadowing the paramedic students. We will also arrange a ride out for her. Meeting on 25/11/2019 to discuss pilot studies and timeline for project. Imogen is currently working on submitting ethical application for the first pilot study to develop a valid and reliable measure of stress. Data collection will then commence on this pilot followed by data analysis. The plan will be to decide on which outcome measures will be used for the intervention and what the intervention programme will be on the trainee paramedics. Meeting on 14th

21.09.21 - Archived due to limited activity.

11.05.21 - No updates at present

24.03.21 - No update at present.

09.02.21 - emailing for updates on study. Letter of support given 30.9.19

21.09.21 - Protocol now published in JPP. 16.08.21 - Draft paper in development.

26.07.21 - Final proofs of article reviewed and should be available

18.05.21 - NR has submitted the protocol which is accepted by British Paramedic Journal registered with prospero. NR currently working on data analysis.

11.05.21 - No updates at present

12.04.21 - Email from COP that they have accepted the protocol paper. Email from Julia Williams who has offered to fund the paper to be submitted to open access. follow on from PECC-19.

24.03.21 - No updates at present. 6.07.21 - Final proofs of article reviewed and should be available

18.05.21 - NR has submitted the protocol which is accepted by British Paramedic Journal registered with prospero. NR currently working on data analysis.

15.11.21 - No updates at present.

21.09.21 - Protocol is now published in BPJ (British Paramedic Journal) heroism in paramedic practice.

16.08.21 - Heroism in Paramedic practice metasyntesis developed and protocol accepted for publication in British Paramedic Journal (BPJ). Metasyntesis article in draft.

23.07.21 - Confirmation received on 17.06.2021 that the PECC-19 Paper has been published in the BMJ Open. The published paper and email of thanks has been circulated to all participants involved.

14.06.21 - No updates at present.

18.05.21 - NR has now responded to reviewer comments and currently awaiting outcome.

14.06.21 - No updates at present.

18.05.21 - NR presented at REASON conference with York university in January 2021

11.05.21 - No updates at present.

12.04.21 - Revised manuscript submitted and currently awaiting outcome 06.04.21. Article published in Dec.

24.03.21 - Currently awaiting outcome of submission to journal.

09.02.21 - No further updates.

07.01.21 - Final paper submitted to BMJ Open and awaiting outcome. Acknowledgement email received from BMJ Open on 4th January 2021. Last RMG meeting for PECC19 discussed other potential papers that could be commenced. Update

10.12.20 - CH literature review has been accepted subject to minor revisions. NR currently working on the final drafts of the paper for submission. Comments received from Julia Williams and LS.

01.08.20 - Study now completed recruitment, 19 interviews completed and 20 recruited in total. LS has completed transcriptions and NR is currently working on completing the coding and analysis. Another meeting to be arranged for September 2020. Chloe Hogan supporting and

15.11.21 - No updates at present.

16.08.21 - Chloe to attend strategic education group to present simulation study. NR will also attend. Work in progressing with papers including a literature review of the simulation and the results paper. 13.04.21 - Study is now closed. Recruitment figures totalled 30, with 6 withdrawn. 12 participants completed the Telesimulation exercise which took place w/c 15th March and 12 completed the eLearning w/c 15th March. CPD certificates were sent out to participants

24.03.21 - Project commenced as evaluation to look at telesimulation learning vs eLearning and was advertised by WAST to participants on 9th March. The advertisement was then extended to the 27th. Upon receiving consent forms participants were grouped into either the eLearning exercise of the Telesimulation, and were also asked to complete and pre and post study questionnaire. Collection of questionnaires is ongoing.

14.06.21 - No update at present.

18.05.21 - Paper in Peer review with plus one journal

22.09.22 - Confirmation email from Caitlin Wilson 12.09.2022 that both the pre-feed diary and pre-feed Real studies are now completed and closed in wast. The final recruitments from WAST were as follows which will now be uploaded onto LPMS

PreStudy Acronym	Study Identifier	Recruitment
PRE-FEED DIARY	52005	13

21.03.22 - Move to archive. Did not participate.

12.01.22 - Received local information pack 8/11/21. Confirmation of C&C and OID signed off 17/12/21. Unfortunately and email received from Karl Charlton NEAS on 17/12/21 that the study has now closed as there was sufficient participants recruited.

17.12.21 - Study is now closed to recruitment.

16.11.21 - LIP received 8.11.21. LS will be working on completion of OID and C&C w/c 15.11.21.

18.08.21 - Kate Blackmore is PI for the project which has been advertised. All necessary site file documents completed (C&C and OID).

14.06.21 - No update at present.

18.05.21 - NR met with Steve Clinton who has suggested Kate Blackmore as PI. Currently awaiting IRAS approval

11.05.21 - No updates at present.

13.04.21 - NR has met with research team 12.04.21 and emailed Steve Clinton with outline of protocol and request for principle investigator.

12.04.21 - New study to add. Protocol, Invitation Letter, Information Sheet and Interview Schedule received and site file created. Barbara is currently pursuing HRA approval through IRAS once confirmed with other sites. She will also be requesting for the study to be added to the Portfolio 21.03.22 - Completed. Move to Archive

21.03.22 - ARCHIVE.

15.11.21 - No update at present.

14.06.21 - Ceri Bryant emailed 11.06.21, study has now closed and WAST recruited 10 participants which was the best response from all Health Boards. Liba is currently working on progressing to next stages and will be in touch with further details. WAST keen to continue to support study. 11.05.21 - No update at present.

27.04.21 - The study is now closed 31/03/21 end date for recruitment. 10 participants from WAST were recruited and used the backonline platform. The details are on CPMS (study code 44715). We are in process of collecting the post intervention data and process evaluations during this time including to the clinicians (Ceri) re: experience of recruitment.

09.02.21 - Ceri recirculated via Siren on 08.01.21 and currently awaiting email from CI regarding WAST recruitment figures.

07.01.21 - Awaiting update from Liba (Cardiff Uni) emailed 07.01.21. Update from Ceri received that she will re-prompt comms to readvertise

18.03.22 - Variation to contract needs to be submitted along with the final report due to costings. GMC, Alison Porter & Mark Kingston to meet and discuss w/c 21st March.

10.02.22 - Costs have now been confirmed and final report has been submitted with the final reconciliation.

12.01.22 - Final report has been sent to HCRW however WAST are awaiting invoice from Swansea University to confirm costs for report.

10.11.21 - LW chased final reconciliation for ARRIVE, once received this will be approved by WAST and send to HCRW.

21.10.21 - Variation to Contract signed and received 21.10.21. Final rec commencing at Swansea University. Once received, final rec to be completed by WAST and returned to HCRW.

21.09.21 - LW has chased Cwmtawe for invoice to expedite the payment. Received 20.09.21 and send to procurement to pay.

28.03.22 - Application for this multicentre study has recently been rejected by the NIHR HTA awards board, for the following reasons; 1. The Committee was not convinced by the sample size calculation, this should be replicable by the Funding Committee. 2. The Committee was unconvinced of the deliverability of the trial in the revised population, and this should be clearly addressed in a resubmitted application. 3. The applicants should ensure all previous feedback is fully addressed. 4. The applicants should justify the effect size and specify the mortality rate in the new group. If the research team wish to resubmit, this would have to start at stage 1, and by 1pm on Wednesday 4 May 2022, if you would like it to be considered at the HTA Funding Committee in July 2022. 12.11.21 - Manuscript accepted and published in Scientific Reports and available via: <https://doi.org/10.1038/s41598-021-97979-w>

10.08.21 - Draft manuscript submitted to Scientific Reports. Peer reviewers feedback has been received and responded to. Updated

24.05.22 - No update at present

28.03.22 - Both retrospective and prospective datasets have been prepared and submitted to NWIS/SAIL. Awaiting confirmation from SAIL on the anonymised files being available for analysis.

12.01.22 - No updates at present.

10.08.21 - Following support from WMH ED admin staff, a significant number of individuals in the retrospective dataset have now been identified and their details added. The original dataset did not include fields for address input, so this required additional time spent securing

22.06.22 - Paused.

24.05.22 - No updates at present.

15.11.21 - Awaiting confirmation of close down for the study.

23.07.21 - Following a meeting between NR and George on 01.06.2021. George informed the R&D team that after discussions within 111 it was agreed that at present, due to many changes and high demands the 111 team do not have capacity to support the PRINCIPLE study. NR emailed the PRINCIPLE study lead Jared on 08/06/2021 to proceed with the withdrawal processes. Reply received on 17.06.2021 to confirm that the study team are not currently closing any sites formally but it would be noted that WAST are no longer active.

14.06.21 - No update at present.

14.06.21 - No update at present.

11.05.21 - Email from Alison Coppola that 04.05.21 recruitment in WAST was complete and all protocol activity within WAST is now completed. 12.04.21 - Email from Ali Coppola 12.4.21 that WAST have recruited one staff to the study and Ali is in contact with the 2nd. Once the second interview has taken place she will upload the recruitment to CPMS.

24.03.21 - NR signed OID documentation for WAST on 05.03.21. Letter of c&c sent 05.03.21. Advert was circulated on Siren 08.03.21. Need

24.05.22 - Email for update.

21.03.22 - LW sent documents and data.

11.02.22 - Request made by study team 27.01.22 to share any policies or guidance within WAST that specifically refers to menopause, as well data on WAST female staff, specifically age profile and role. LW has collected documents but is waiting on staff data.

12.01.22 - Update received 12.01.22 that 33 responses have now been received. OID was completed and returned to the study team on 14/12/21 as formal C&C is not required. Initial poster advertised on Siren 14/12/21. Update from Tessa (RSO) 4/1/22 that the survey is live and

24.05.22 - Correspondance has gone quiet with PhD candidate, unlikely to progress. 16.08.21 - NR working with Jonathan Hewitt HCRW Stroke specialist lead, to support Saudi Arabia PHD candidate with Cardiff University exploring stroke detection in pre-hospital care. Currently exploring potential of developing on previous work by Prof. Wilson and others in Aberdeen University involving transcranial doppler.

24.05.22 - Project was not funded. 21.09.21 - WAST supporting international bid to HORIZON 2020 European funding. Advised that at this point due to challenges in providing data WAST cannot confirm or guarantee being able to be a site for any future study.

24.05.22 - No updates at present.

15.11.21 - No updates at present.

16.08.21 - No candidates have come forward to lead on the study. NR met with CJ and RDCS to discuss options potential for fellowship but nothing progressed. Unlikely to meet October deadline for RfPPb.

23.07.21 - NR Emailed the research team on 19/07/2021 and informed the team that due to Carl's competing pressures, it was agreed to explore whether there is anyone else within the team would be a suitable replacement project lead in time for submission to RfPPB in October. A meeting is planned for the 2nd August 2021 to discuss.

07.07.21 - NR sent email on 07.07.21 to inform the group that a discussion has taken place between NR and CJ regarding the proposed

21.06.22 - The PADmap study has completed the questionnaire phase and the team are currently finishing up the interviews/usability sessions with the analysis expected to be finished at the end of July.

26.11.21 - NR agreed to support PAD map research study. The study involves sending out a survey regarding opinions on PAD practices in Wales.

24.08.22 - Its closed and data inputted for the study.

24.05.22 - No update at present. Emailed for update.

22.09.21 - Flyer was recirculated on Siren for a call for participants due to recruitment challenges across the NHS.

21.09.21 - Emailed for update. LS to recontact and confirm flyer has been posted on Siren.

16.08.21 - LS to email CW for update.

11.05.21 - No updates at present

13.04.21 - No update.

24.03.21 - Following suspension on 17.03.20 WAST confirmed ability to restart 11.06.20. Email from Caroline Wallace (CI) 13.07.20 to confirm that once confirmation from other sites had been received they would look to restart. Email on 11.01.21 - Email received from CI that following correspondence from other HBs that the study will be suspended until May 2021 due to the ongoing impact of COVID19 on health and social

22.06.22 - Email for update.

24.05.22 - No updates at present.

24.03.21 - survey closed to recruitment on 28.02.21. email from NG and PHD student on 24.02.21 that to date only 57 participants had responded. LS recirculated flyer on Siren , emailing for update on final recruitment figure.

09.02.21 - Study was advertised on Siren 22/01/2021 and re-advertised on 02/02/2021. Confirmation from the team that WAST recruits were 108. Emailed PhD student for updates 09/02/2021. LPMS to be updated.

Older Updates: Study with Swansea University, currently on hold. Emailing for updates

N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A

N/A	N/A
19	N/A
22	
2	Mar-22

	Mar-22
	Mar-22
10	Mar-22
13	
114	Jun-22
non recruiting	Jun-22
0	Jun-22
2	Jun-22
33	Jun-22

	Jun-22
	Jun-22
0	Aug-22
0	Aug-22
N/A	Aug-22
0	Aug-22



AGENDA ITEM No	14
OPEN or CLOSED	Open
No of APPENDIX ATTACHED	0

Committee Priorities 2022/23

MEETING	Academic Partnership Committee
DATE	25 October 2022
EXECUTIVE	Trish Mills, Board Secretary
AUTHOR	Trish Mills, Board Secretary
CONTACT	Trish.mills@wales.nhs.uk

EXECUTIVE SUMMARY	
1.	This report updates the Committee on progress against the priorities it set for 2022/23.
2.	Progress is steady across all priorities.
RECOMMENDATION	
3.	The Committee is asked to note the update.

KEY ISSUES/IMPLICATIONS
No issues to raise.

REPORT APPROVAL ROUTE
Not applicable

REPORT APPENDICES
None

REPORT CHECKLIST			
Confirm that the issues below have been considered and addressed		Confirm that the issues below have been considered and addressed	
EQIA (Inc. Welsh language)	Yes	Financial Implications	N/A
Environmental/Sustainability	N/A	Legal Implications	N/A

Estate	N/A	Patient Safety/Safeguarding	N/A
Ethical Matters	N/A	Risks (Inc. Reputational)	N/A
Health Improvement	N/A	Socio Economic Duty	N/A
Health and Safety	N/A	TU Partner Consultation	N/A

COMMITTEE PRIORITIES FOR 2022/23

SITUATION

4. This report updates the Committee on progress against the priorities it set for 2022/23.

BACKGROUND

5. During the course of the 2021/22 effectiveness reviews, it was agreed that it is good practice for Committees to set priorities for the forthcoming year.
6. The Committee's priorities, which are set out below, were agreed by the Trust Board in May 2022 and will be tracked quarterly.

ASSESSMENT

7. The Committee priorities related to the three priority projects for university trust status:

Priority	Progress
Priority One: Digitisation enabling better outcomes	<ul style="list-style-type: none">• Priority two was a focus at the April meeting, and in particular the work of the specialist palliative care paramedics• Priority one was a focus at the July meeting, and in particular the learning from other successful innovative partnerships• An update was provided to the October meeting on the mid-year university trust status presentation to Welsh Government. This gave the Committee an opportunity to review progress against the priorities and to hear the feedback from Welsh Government.• The relevant director for each priority is in attendance at committee meetings.
Priority Two: Advanced practice and specialist working, consult and close and service transformation, including research	
Priority Three: Decarbonisation, fleet modernisation and sustainability	

RECOMMENDATION

8. The Committee is asked to note the update.