



“A Partnership that learns together and accelerates improvements to health and social care through innovation, research and training, for the benefit of patients and wider society.”

WESSEX HEALTH PARTNERS

Discovery - Overview

The Discovery pathway identifies the broad range of regional research expertise.

With this information we will be well placed to:

- Deliver integrated health and care across the needs of the Wessex community
- Respond rapidly and effectively to emerging issues
- Respond rapidly to funding opportunities
- Project the Partners’ skills and strengths at a regional and national level
- Support the enterprise sector for economic growth in the life sciences.

Figure 1: Areas of overlap in capabilities between universities

	Bournemouth University	University of Portsmouth	University of Southampton	University of Winchester	Solent University
Lifestyle, Nutrition, Wellbeing and Exercise					
Musculoskeletal					
Dementia and Ageing					
Mental Health					
Cancer					
Microbiology and AMR					
Respiratory					
Health Science, Social and Primary Care					
Data, Analytics and Visualisation					
Imaging Development and Resources					
Biomedical Engineering					
Biomed and Biological Sciences					
E-Health, app development					

Figure 2: Trust specialties, colour indicates the number of trusts which have reported a specialty in a clinical area.

Light blue = one trust, dark blue = two trusts, light orange = three trusts, dark red = four trusts, and purple represents an area in which five trusts specialise.

Vaccine research strengths across the region.

Ageing	Gastroenterology	Ophthalmology
Anaesthesia, Perioperative Medicine and Pain Management	Genetics	Oral and Dental Health
Cancer	Haematology	Primary Care
Cardiovascular Disease	Health Services Research	Public Health
Children	Hepatology	Renal Disorders
Critical Care	Infection	Reproductive Health and Childbirth
Dementias and Neurodegeneration	Mental Health	Respiratory Disorders
Dermatology	Metabolic and Endocrine Disorders	Stroke
Diabetes	Musculoskeletal Disorders (including orthopaedics)	Surgery
Ear, Nose and Throat	Neurological Disorders	Trauma and Emergency Care

Figure 2: Wessex LCRN studies for 2019-2020 year and academic alignment

(A) patients recruited per specialty for 2019-2020. Darker bars show complexity weighted recruitment while lighter bars show the raw participant numbers. There are eight specialties for which the Wessex LCRN is within the top 3rd of CRNs in England (devolved nations data sets not shown), these columns are in red/orange with the ranking shown in red brackets. Number of Wessex LCRN led studies are shown in blue brackets. Data collected through the NIHR ODP database.

(B) HEI alignment with specialties.

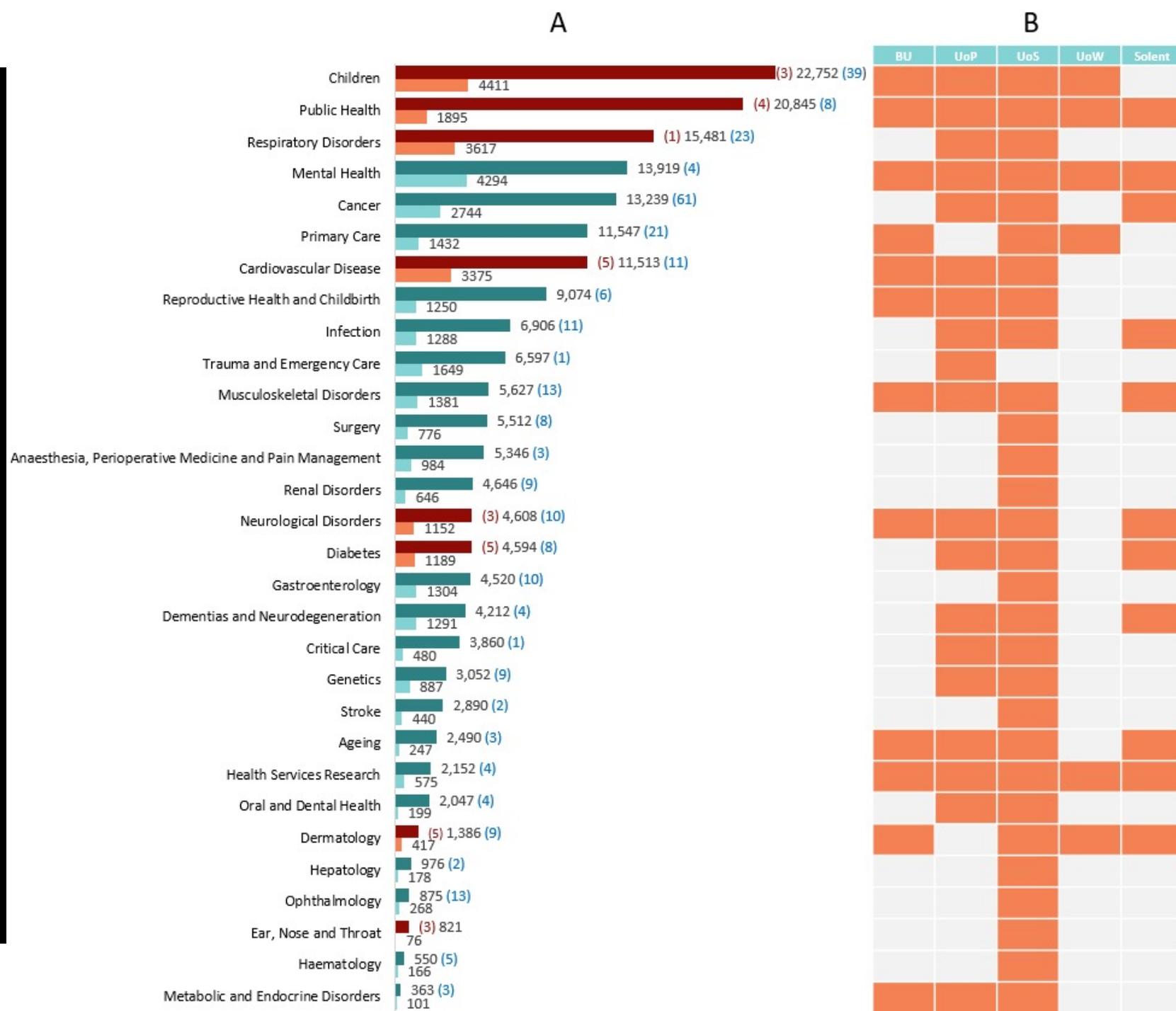


Figure 3: Overview of Wessex research strengths. Wessex has diverse strengths across its clinical and academic institutions. There are clear alignments and opportunities to develop research and translation through networking and collaboration.

