

Welcome and Overview NIHR Wounds Research Portfolio

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Supported by

Tissue Viability Society

UK world leading SSI and pressure ulcer prevention and wound healing clinical research



Key characteristics:

1. National Institute for Health Research funding
2. Clinical Research Networks – Research Nurse infrastructure
3. Clinical Trials Units/Methodologists
4. Strong clinical academic partnerships supporting NHS England and NHS Improvement initiatives



NIHR | National Institute
for Health Research

COMET
INITIATIVE

MRC | Hubs for Trials
Methodology Research

Issues in wounds research



- Level of evidence in wound care is poor
- ‘Phase 3’ studies lack power
- ‘Phase 3’ studies lack methodological rigour
- Outcome measures not standardised



The challenge of the diverse

- **Multiple Specialties**
 - Foot ulcers (diabetic, non-diabetic)
 - Burns
 - Surgical wounds (healing by primary intention, healing by secondary intention)
 - Traumatic wounds
 - Leg ulcers (venous, arterial, mixed)
 - Pressure ulcers
 - Other

- **Multiple Outcomes**
 - Wound healing (dichotomous/continuous)
 - Surgical Site Infection
 - Wound prevention
 - Scarring
 - Wound recurrence
 - Resolution of infection
 - Cost effectiveness
 - Health-related quality of life

VenUS I



VenUS II



VenUS III

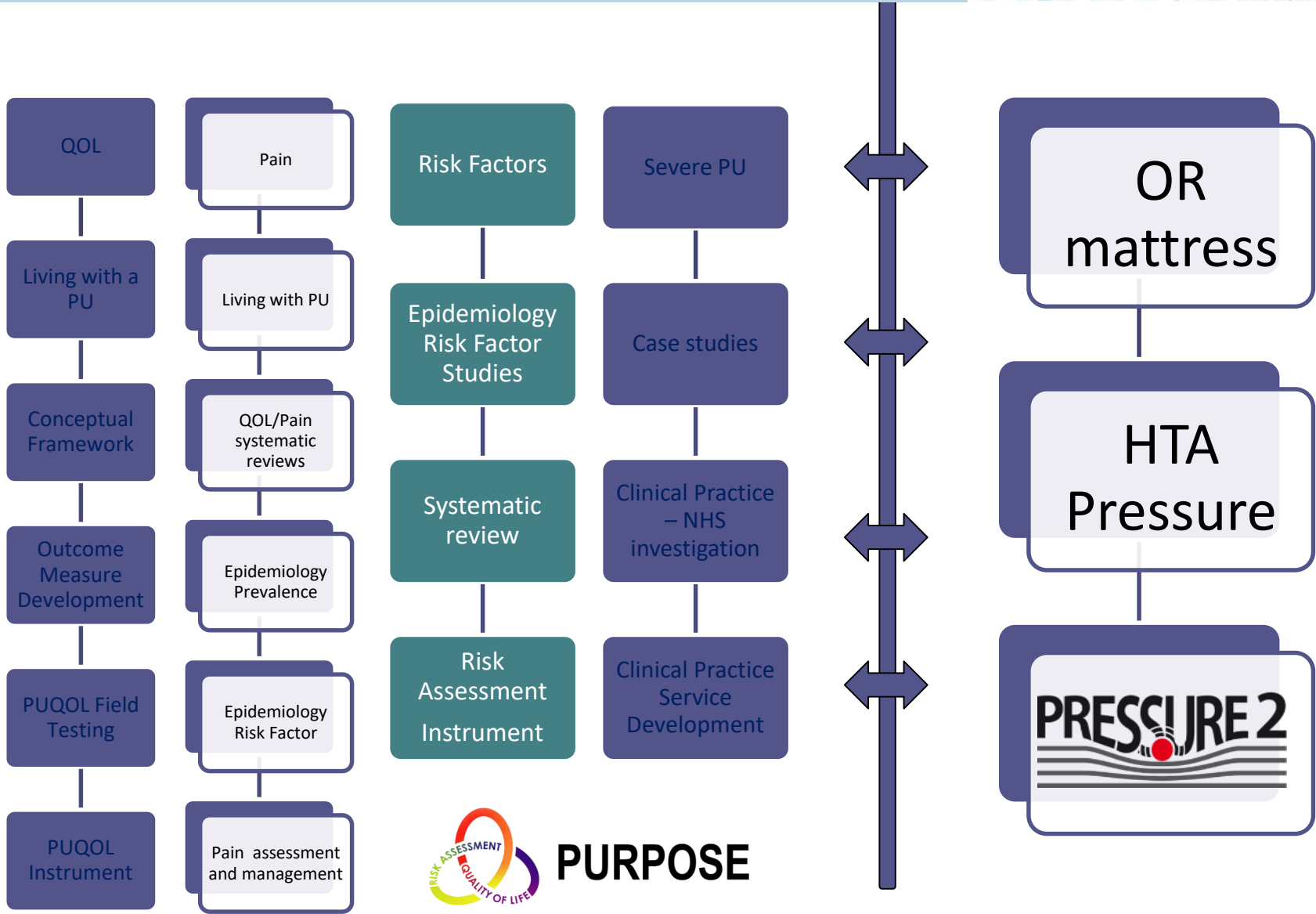


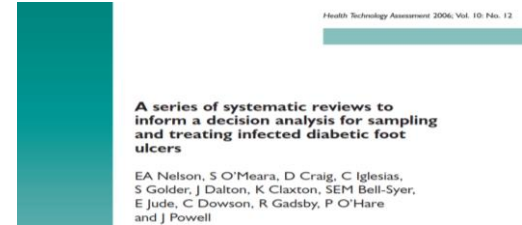
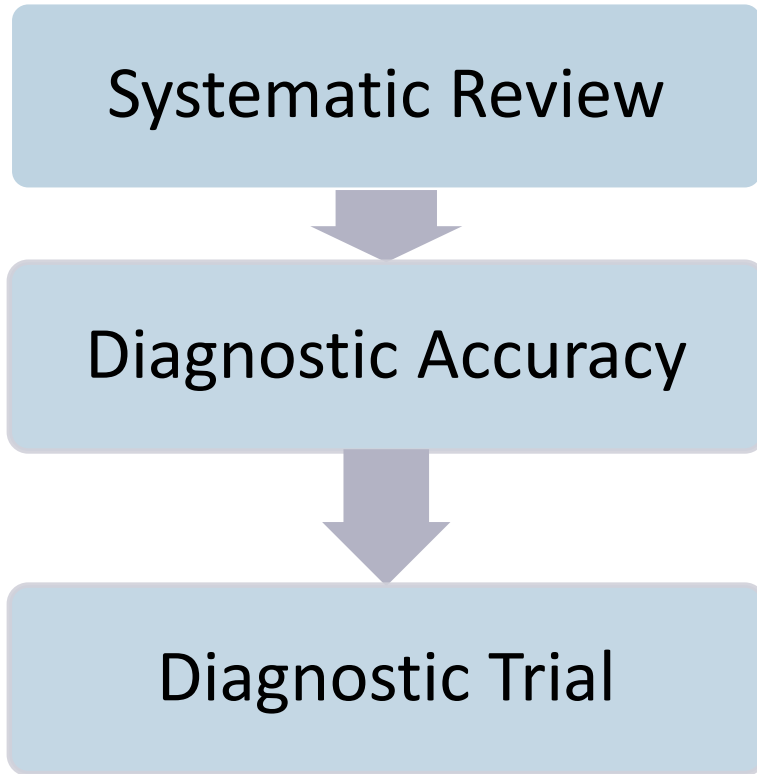
VenUS IV



E  RA

Pressure Ulcer Prevention







Randomised controlled trial of the use of three dressing preparations in the management of chronic ulceration of the foot in diabetes

WJ Jeffcoate, PE Price, CJ Phillips, FL Game, E Mudge, S Davies, CM Ame

Evaluation of the effectiveness and cost-effectiveness of lightweight fibreglass heel casts in the management of ulcers of the heel in diabetes: a randomised controlled trial

William Jeffcoate, Frances Game, Vivienne Turtle-Savage,



Trial Interventions

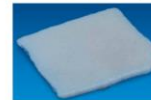
Treatment As Usual (TAU)



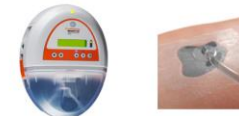
Hydrosurgical Debridement (HD)



DeCellularised Dermis Allograft (DCD)



Negative Pressure Wound Therapy (NPWT)





[BJS Open](#), 2018 Apr 23;2(3):99-111. doi: 10.1002/bjs5.49. eCollection 2018 Jun.

Pilot feasibility randomized clinical trial of negative-pressure wound therapy versus usual care in patients with surgical wounds healing by secondary intention.

[Arundel C¹](#), [Fairhurst C¹](#), [Corbacho-Martin B¹](#),
[A²](#), [Saramago Goncalves P⁹](#), [Soares MQ⁹](#), [Stu](#)


[Ile J³](#), [Firth A²](#), [Henderson E⁶](#), [Lamb K⁷](#), [McGinnis E⁸](#), [Oswald](#)

[+](#) Author information





The Cost-Effectiveness of Wound-Edge Protection Devices Compared to Standard Care in Reducing Surgical Site Infection after Laparotomy: An Economic Evaluation alongside the ROSSINI Trial

Adrian Gheorghe, Tracy E. Roberts, Thomas D. Pinkney, David C. Bartlett, Dion Morton, Melanie Calvert ,
on behalf of the West Midlands Research Collaborative and the ROSSINI Trial Investigators

HTA - 12/200/04

The Bluebelle study: a feasibility study of three wound dressing strategies in eLective and unplanned surgery



Surgical Wounds SSI Prevention

