

SACRAL OSTEOMYELITIS MANAGEMENT; MAKING THE CASE FOR A WEEKLY MDT

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BACKGROUND

- Grade 4 Pressure Injuries represent full thickness loss down to bone
- Risk Factors include reduced sensation, and mobility, poor nutrition, and reduced consciousness
- Typically these are on the sacrum
- Associated with significant morbidity and mortality
- No consensus on management
- MDT approach key



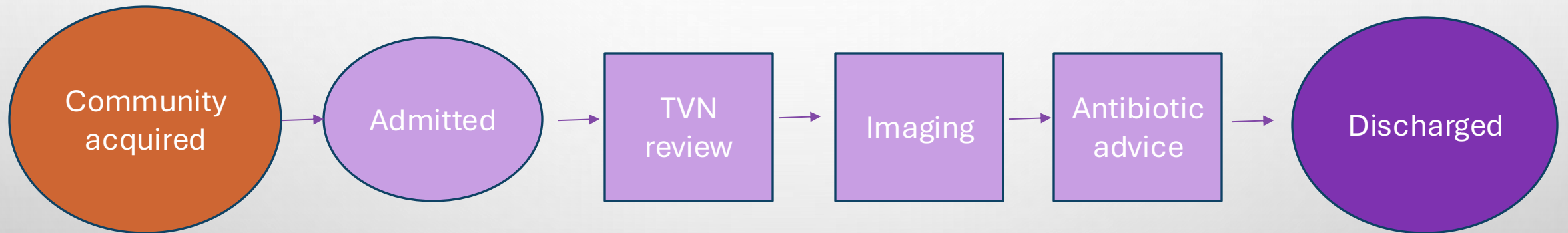
WHY IS THIS IMPORTANT

Vulnerable patients

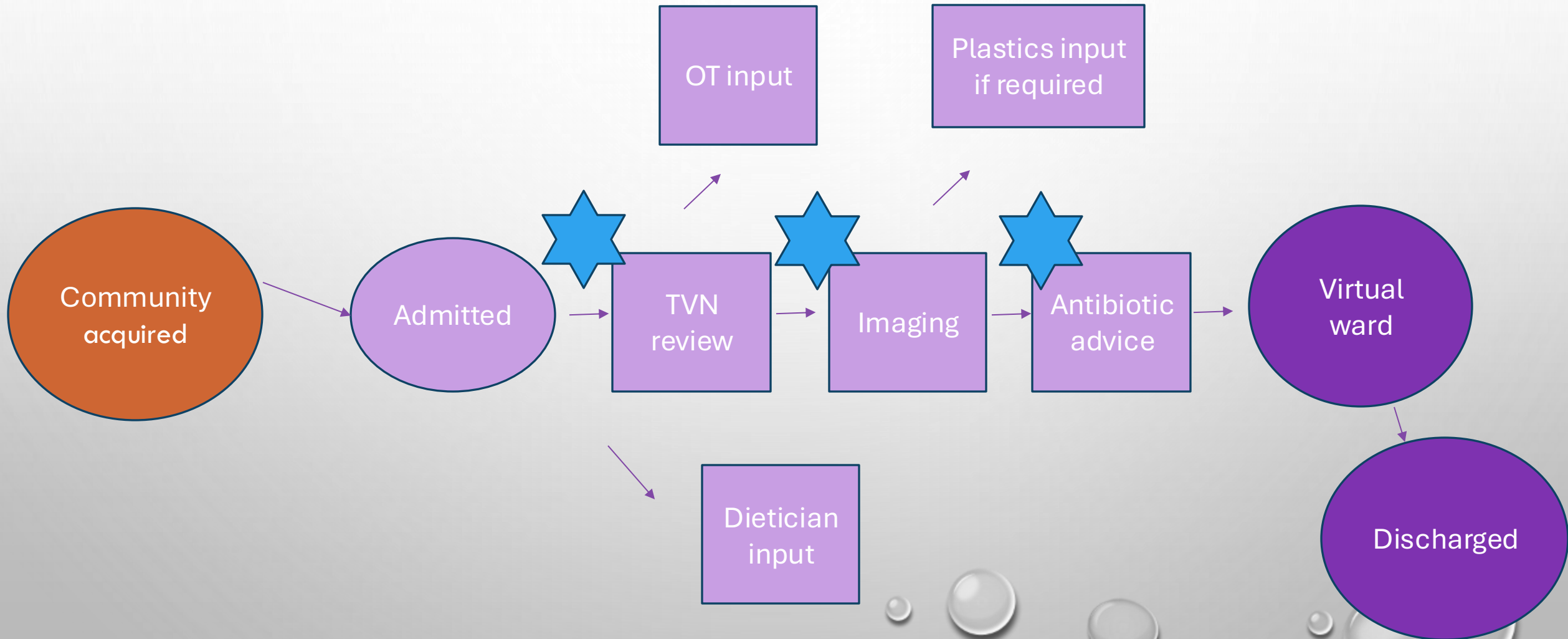
- Poor equipment
- Poor advice/management
- Lapses in care



SACRAL-OSTEOMYELITIS PROCESS MAP



SACRAL-OSTEOMYELITIS MDT



OSTEOMYELITIS PROFORMA


Pressure injury history

Social history

Bowels and bladder

Investigations

Addressograph here or:
Surname:
Forename:
MRN: Date of Birth:
NHS Number:



Sacral Osteomyelitis MDT

Date	Time	Location
/ /	:	

Past Medical History

Pressure injury history

Social history
Carehome [] Own home []
Pressure relieving equipment review required
Y/N

Bladder
Continent [] Incontinent [] Catheterised []
Bowels
Continent [] Incontinent []

Microbiology

MRSA screen []

Antibiotic	Duration

Allergies

Imaging
MRI []

Bloods

Date	WCC	CRP

Dietician


Occupational health

Safeguarding

TVN plan

Medical plan

Addressograph here or:
Surname:
Forename:
MRN: Date of Birth:
NHS Number:



Dietician referral []
OT referral []

Safeguarding Referral []

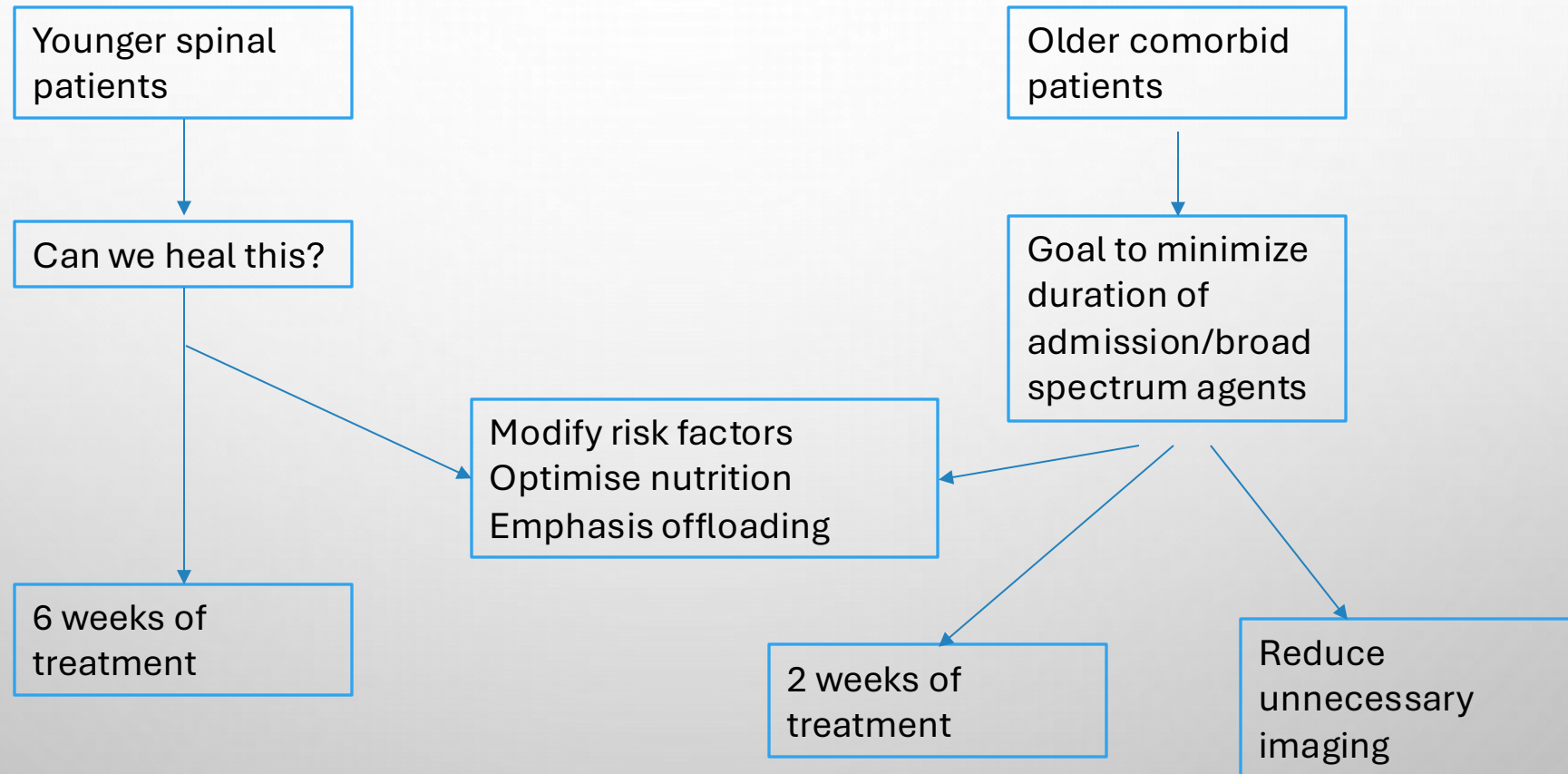
Medical Review

TVN plan

Medical plan

Name	Designation	Signature	Contact Number

FLOW CHART



RESULTS

Lenth of stay

Median reduced 29 days to 21 days

Dietician involvement

92% patients seen (46% pre intervention)

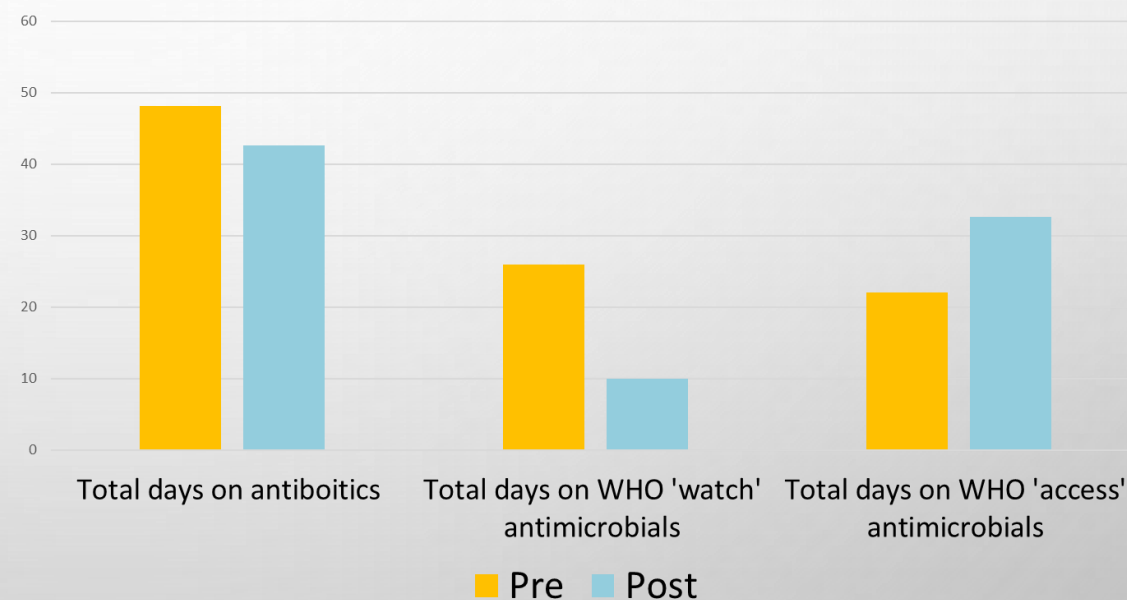
Outcomes

2 healed post intervention

1 healed prior to intervention

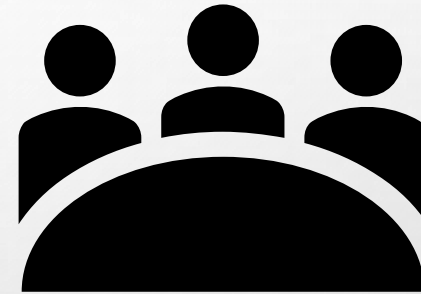
Reduction in broad spectrum antibiotics and total days on antibiotics

Average number of days of antibiotic use



ASPIRATIONS

- Locally work into TVN ANP role
- Regional MDT
- Development of a national guideline



THANK YOU

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REFERENCES

- Russell CD, Tsang SJ, Simpson AHRW, Sutherland RK. Outcomes, Microbiology and Antimicrobial Usage in Pressure Ulcer-Related Pelvic Osteomyelitis: Messages for Clinical Practice. *J Bone Jt Infect.* 2020 Mar 26;5(2):67-75. doi: 10.7150/jbji.41779. PMID: 32455097; PMCID: PMC7242403.
- QUALITY OF LIFE IN OSTEOMYELITIS IS SIGNIFICANTLY WORSE COMPARED TO OTHER CHRONIC DISEASES The European Bone and Joint Infection Society (EBJIS) Meeting, Basel, Switzerland, 12–14 October 2023.