

1. Screening and consent at local trial centre

Patient Screening (local trial centre)

- *Out patient clinic*
- *Patient register*
- *At discharge or FU after admission*

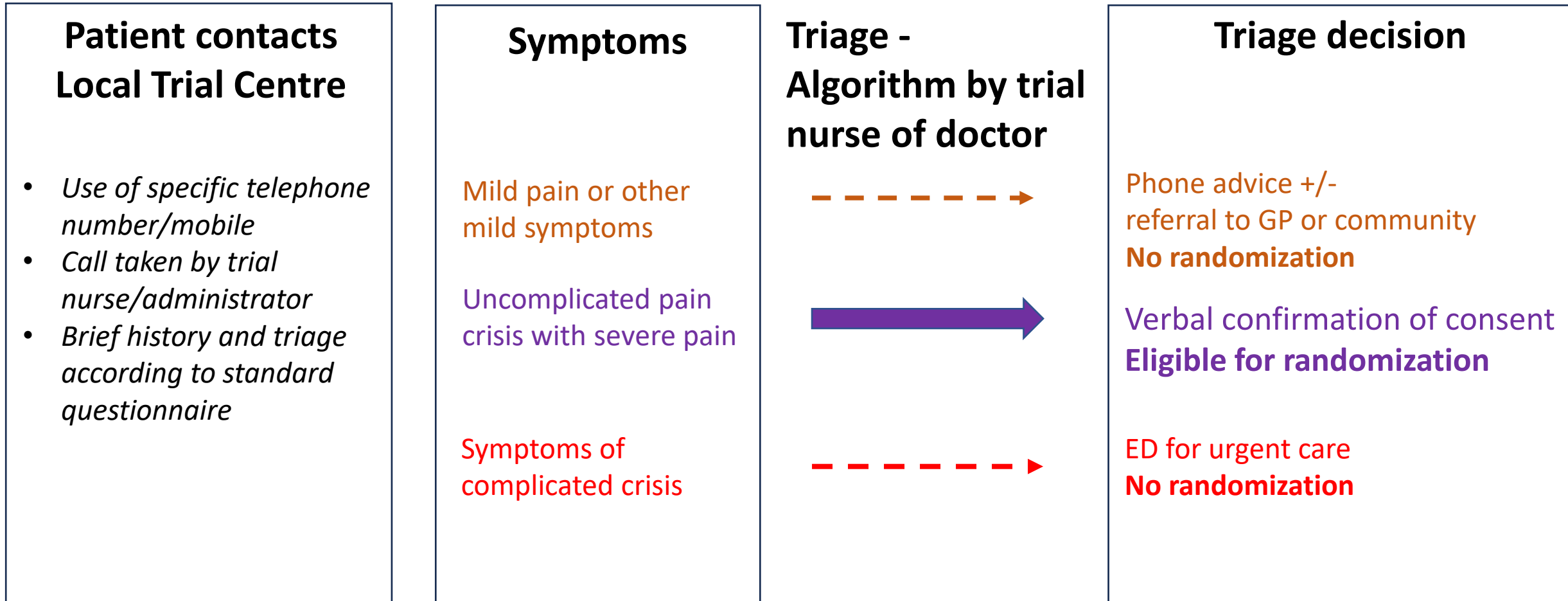
Patient info sheet



Assessment and consent (local trial centre)

- *In research clinic/unit*
- *Discussion and questions*
- *Confirmation of eligibility*
- *Signing of consent*
- *Baseline clinical data collection*
- *Trial number given*
- *Entered onto trial register*
- *Confirmation of pain protocol*
- *Instructions about procedure for contact and randomization if in crisis*

2. Initial phone triage at Local Trial Centre (consented participant phoning-in with APC)



3. Subject eligible for randomization

Randomization and further procedure at Local Trial Centre

Eligible for randomization

Local trial team confirm unable to randomize

- ACU bed and/or care team not available
- Trial team not available
- Timing does not allow 6 hours of ACU care

Observation arm

- Implement standard care
- CRF for APC episode
- CFR's Day 14 and 28

Local trial team confirm able to randomize

- Confirmation ED and ACU care available
- Trial staff available
- Timing allows 6 hours of ACU care

Randomization and further procedures over phone

- On-line randomization
- Inform patient of treatment location
- Inform care team of patient pending arrival
- Care team prepare pain protocol and prescriptions
- Trial team take baseline data

4. Trial procedure after arrival of randomized patient in ED or ACD

Arrival in ED or ACU

- Baseline observations- standard care
- Clinical assessment- standard care
- Pain management protocol- standard care
- VAS pain scores- collected by trial team hourly for first 6 hours (***potentially using app***)
- Vital signs hourly for first 6 hours- standard care

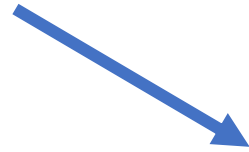


Assessment at 6 hours (ED, ACU, hospital ward or at home if discharged before 6 hours)

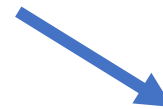
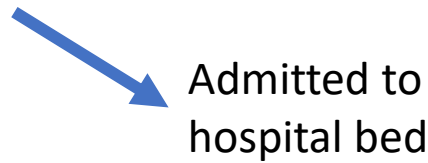
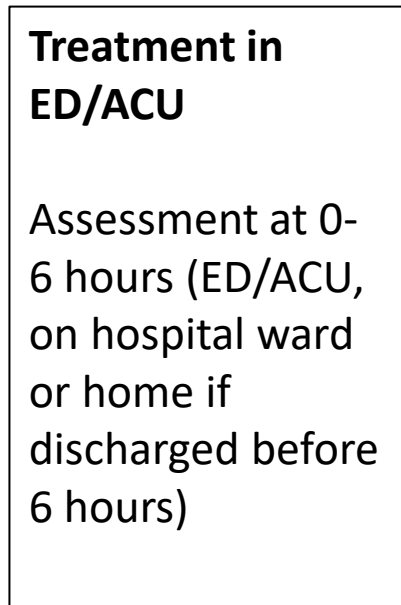
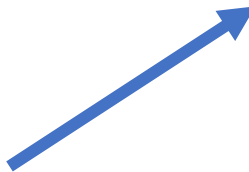
- VAS pain score- collected by trial team (***potentially using App***)
- Vital signs- standard care
- Time to analgesia
- Adherence to protocol
- Resource usage questionnaire

5. Trial procedure after 6 hours and/or at disposition home/hospital bed

Randomized to ED



Randomized to ACU



Discharged home

Discharged home

At discharge

- Time to readiness for discharge
- Cumulative opioid use
- Length of stay
- Patient satisfaction
- Adverse events
- Social determinants of health
- EQ 5D
- Resource usage questionnaire

Day 14 and 28 from randomization

- Patient satisfaction
- Adverse events
- Readmission
- EQ 5D patient and care-giver
- Resource usage questionnaire