

TRANSCUTANEOUS PACING

INDICATIONS

Transcutaneous pacing should be considered in symptomatic patients with:

- Bradycardia,
- 2nd degree AV block
- 3rd degree AV block

CONTRAINDICATIONS

- Bradycardia associated with hypothermia
- Asymptomatic bradycardia

EQUIPMENT

1. Pacing pads
2. Therapy cable
3. Monitor

PROCEDURE

1. RMC
2. Assess for potential causes
3. Assemble equipment
4. Have resuscitation capabilities ready
5. Explain the procedure to the patient and/or family
6. Consider sedation and/or analgesia:
Morphine 2-5 milligrams IV/IO
Versed 1-2 milligrams IV/IO/IN
Valium 2-5 milligrams IV/IO
Ativan 1-2 milligrams IV/IO
7. Apply pacing pads to clean dry skin (Clip excessive chest hair)
8. Connect pacing cable to device
9. Select current, starting at 70 mA (Range 50-100 mA)
10. Select pacing rate, starting at 80 bpm
11. Activate pacer; adjust current until electrical and mechanical capture
12. Adjust rate to maintain perfusion
13. Adjust slowly in conscious patient, quickly in cardiac arrest
14. Continually reassess

Copyright 2016 Chicago EMS Medical Directors Consortium

Written: 7/20/95

Reviewed: 7/20/95; 3/09; 5/11; 3/12

Revised: 3/09; 5/11; 3/12

MDC Approval: 8/3/95; 4/7/09; 6/7/11; 3/6/12

IDPH Approval: 2/20/96; 7/9/09; 9/26/11; 1/31/13

Implementation: 5/1/96; 1/1/10; 4/1/12; 2/1/13