Why Should we Treat pain in Pediatric Surgeries;
- The structural components necessary to perceive pain are already present at about 25 weeks gestation whereas the endogenous descending inhibitory pathways are not fully developed until mid-infancy.
- Opioid and other receptors are much more widely distributed in fetuses and neonates.
- Fetuses subjected to intrauterine exchange transfusion with needle transhepatic access will show both behavioural signs of pain as well as a hormonal stress response.

Monitoring pain in Pediatrics;
Using the Wong Baker Faces, Or the FLACC scale

Management of Pediatric Pain after Cardiothoracic Surgery;

Systemic analgesia
- Opioids
- NSAIDs
- Acetaminophen (paracetamol)

Local and regional anesthesia
- Epidural anesthesia (caudal).
- Paravertebral blocks
- Intercostal nerve blocks

References
- J. C. Sanders*, British Journal of Anaesthesia, 2002, Vol. 89, No. 5 707-710, Paediatric regional anaesthesia, a survey of practice in the United Kingdom,