

Day case surgery in children

- Procedures
 - Duration, trauma, post-op pain
- · Patient selection
 - Healthy children
 - Chronic stable conditions
 - Exclusion criteria
 - Social factors

Preassessment

Sheffield Children's Hospital

- · Assess fitness for day care
- · Where and how?
 - Surgical clinic (consent)
 - Screening questionnaire
 - Telephone preassessment
 - Preassessment clinic
- · Investigations rarely required
- · Inform and prepare child and parent

Preparation

Anxiety and adverse sequelae can be reduced by good preparation – of parent and child

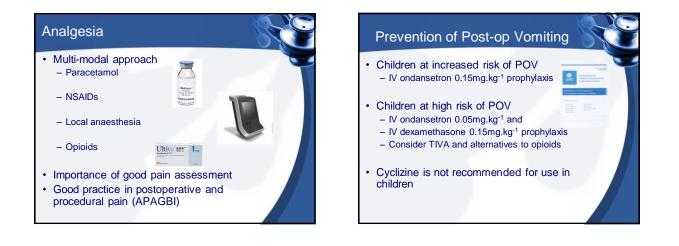
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- Options include:
- Books
- Films
- Puppet shows
- Relaxation training
- Preadmission tours
- Role play
- Interactive computer packages
 Improvement in coping strategies



Anaesthetic considerations

- · Minor illness
- · Premedication
- Induction
- Airway management
- Maintenance
- Fluids
- Analgesia
- Post-operative vomiting
- Discharge



Quality Metrics

- · Provides a marker of quality against which clinical care may be measured
- Proposals for paediatric anaesthesia
 - % of consultants who anaesthetise >20 children <5 years of age % children operated upon on children-only lists (or on children-only parts of lists)

 - Presence of an acute pain team providing care and services to children and regular pain assessment
 - The provision of a child-friendly and child-safe environment in theatres separate from adults
 - The opportunity for a parent/carer to be present in the anaesthetic room and recovery room
 - The presence of protocols for the management of paediatric emergencies where children are anaesthetised

Anaesthetic quality

- Preassessment
 - On-the-day cancellations
- · (fasting, URTI, inadequate preparation) Unexpected admission rate
 - Uncontrolled pain
 - Post-operative vomiting
 - Anaesthetic complication
 - Delayed recovery
- Pain at home
- Discharge medication / advice