

Pushing the boundary –complex paediatric procedures as day cases

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Infantile hypertrophic pyloric stenosis as day case procedure...

Sir Harold Stiles, Glasgow 1910

The child did not survive following discharge...

Complex surgical cases as day cases....

Pros	Cons
infection risks	out of hospital mortality / morbidity
resource allocation	Family stress
disruption to child & family	Readmission
economic	Inappropriate discharge

Surgical advances

- Conceptually innovative procedures e.g. STING procedure for vesicoureteric reflux
- Minimal access surgery: laparoscopy, NOTES, robotics
- Vessel sealing technologies: harmonic scalpel, PK gyrus

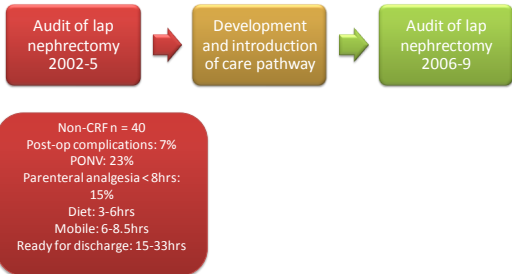
Day case nephrectomy

Evaluation and implementation

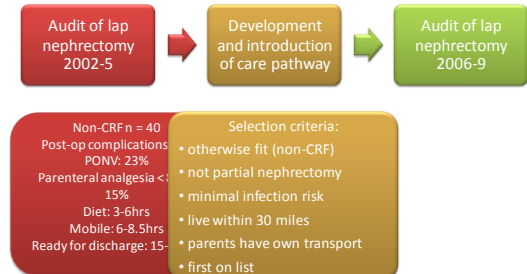
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    graph LR
      A[Audit of lap nephrectomy 2002-5] --> B[Development and introduction of care pathway]
      B --> C[Audit of lap nephrectomy 2006-9]
    
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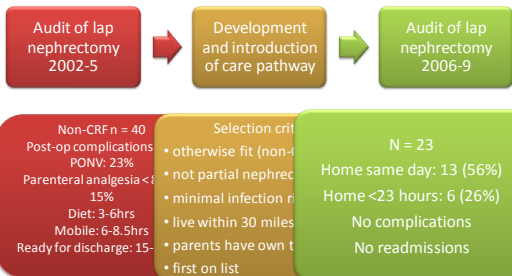
Evaluation and implementation



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Evaluation and implementation



Conclusion

- Complex cases can be managed successfully as day cases in children
- Learning process for all
 - Challenges preconceptions
 - Preadmission counselling of parents essential
 - Good lines of communication post discharge
- Care pathways very helpful in changing staff attitudes

Acknowledgements

- N Ragavan
- B Hickerton
- D Mullasery
- HF McAndrew
- CM Sanders
- S Doyle

