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Treatment Planning for Paediatric Exodontia under General Anaesthesia: A Re-Audit

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Background: The prevalence of dental decay amongst children is high in the North West of England. The Community Dental Services under Pennine Care NHS Foundation Trust receive a high number of referrals for Paediatric exodontia each year.

Aims: This re-audit retrospectively evaluated the pre-operative planning process for Paediatric exodontia under General Anaesthesia (GA) and the post-operative outcomes against local guidelines.

Objectives:

- current practice for treatment planning paediatric patients for exodontia under GA.
- Determine whether treatment carried out under GA followed the pre-operative treatment plan.
- Identify improvements made since the previous audit and areas for change.

Method: This re-audit of Paediatric exodontia under GA assessed seventy one patients' records across three boroughs in the directorate - Bury, Oldham and Rochdale between 02/01/2020 to 17/03/2020. It assessed compliance with Pennine Care local guidelines, for example:

- The justification for GA
- Attendance at a dedicated POA
- Was appropriate consideration given to balancing/compensating extractions?
- Record keeping standards
- Were patients appropriately discharged/reviewed?

Results:

- There was good compliance with some parts of the guidelines such as 98.6% of patients having dedicated pre-assessment in this re-audit.
- The percentage of patients with a dedicated oral health appointment showed a 24.1% improvement.
- The percentage of patients with documented justification for a lack of radiographs improved by 17.4%.
- There were improvements in the numbers of patients having appropriate balancing extractions for unilaterally carious deciduous canines: 17.9%.
- 92.3% of patients in the re-audit who had planned extraction of first permanent molars had pre-operative x-rays.
- There were improvements in the number of patients with documented orthodontic considerations.

Discussion: Greater consistency is needed regarding record keeping as well as the post-operative review/discharge process. A greater awareness of the guidelines is needed.

Biography

Iffah Zaman is a General Dental Practitioner with experience in Oral and Maxillofacial Surgery and Community Dentistry

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