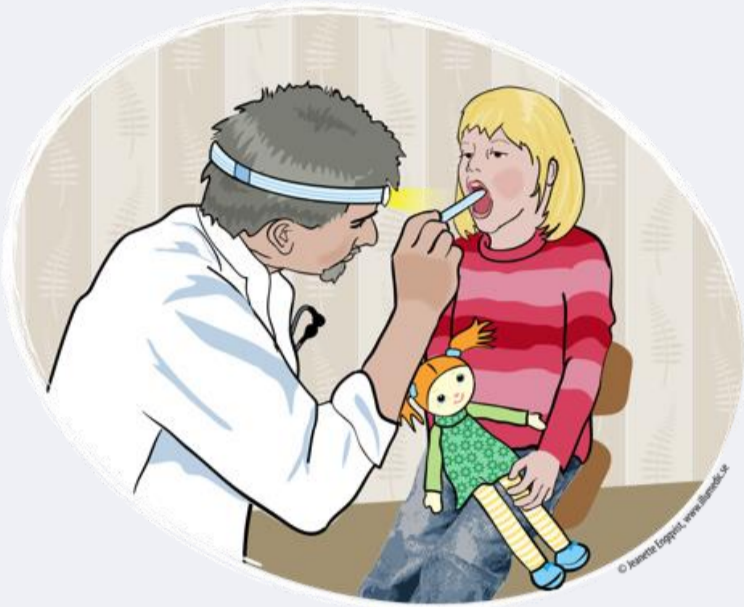


Tonsil Surgery in Sweden 2013; Indications, Surgical Methods and Complication Rates



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Aim: Describe how tonsil surgery was performed in Sweden 2013.



Introduction

The National Tonsil Surgery Register in Sweden (NTSRS) is managed by the Swedish Association for Otorhinolaryngology, Head and Neck surgery.

The purpose of the register is primary to provide a basis for the description of a clinic and stimulate quality improvement programs. Also, the data can be used for research.

All clinics are encouraged to include all tonsil surgeries in the register, and for 2013 82% of all tonsil surgeries are registered in the NTSRS.

Material & Methods

The NTSRS collects detailed information from the professionals as indication, surgical method, surgical technique and primary bleeding. From a questionnaire sent to the patients 30 days after surgery Patient Related Outcome Measures (PROM) are collected regarding secondary bleeding, prescribed antibiotics and contact with healthcare due to pain. Six months after surgery a questionnaire collects data on symptom relief.

RESULTS



Indication	%	Surgical Technique	%
Obstruction/sleep apnea	97%	Radiofrequency	96%
Recurrent tonsillitis	1%	Coblation	42%
Peritonsillitis	0%	Sutter	30%
Chronic tonsillitis	1%	Ellman	25%
Other	1%	Other (Ultracision, laser)	4%

Primary bleeding 0.8%

Patient Related Outcome Measures
Re-admission due to bleeding 1.3%
Re-operation due to bleeding 0.5%
Prescribed antibiotics 2.8%
Contact with Healthcare due to pain 6.9%
Experience of symptom relief* 95.2%

* "my symptoms are gone" or "My symptoms are almost gone"

Indication	%	Surgical Technique	%
Obstruction/sleep apnea	33%	Cold steel instruments	68%
Recurrent tonsillitis	36%	Diathermy scissors	23%
Peritonsillitis	8%	Radiofrequency, ultracision, laser, other	9%
Chronic tonsillitis	21%		
Other	2%		

Primary bleeding 2.6%

Patient Related Outcome Measures
Re-admission due to bleeding 9.8%
Re-operation due to bleeding 3.8%
Prescribed antibiotics 5.3%
Contact with Healthcare due to pain 26.4%
Experience of symptom relief* 95.7%

Conclusion

The National Tonsil Surgery Register in Sweden can provide detailed information. The data can be used for benchmarking and clinical improvement programs. Data can also be used for studies on a large population and provide new knowledge.

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