

The National Tonsil Surgery Register in Sweden

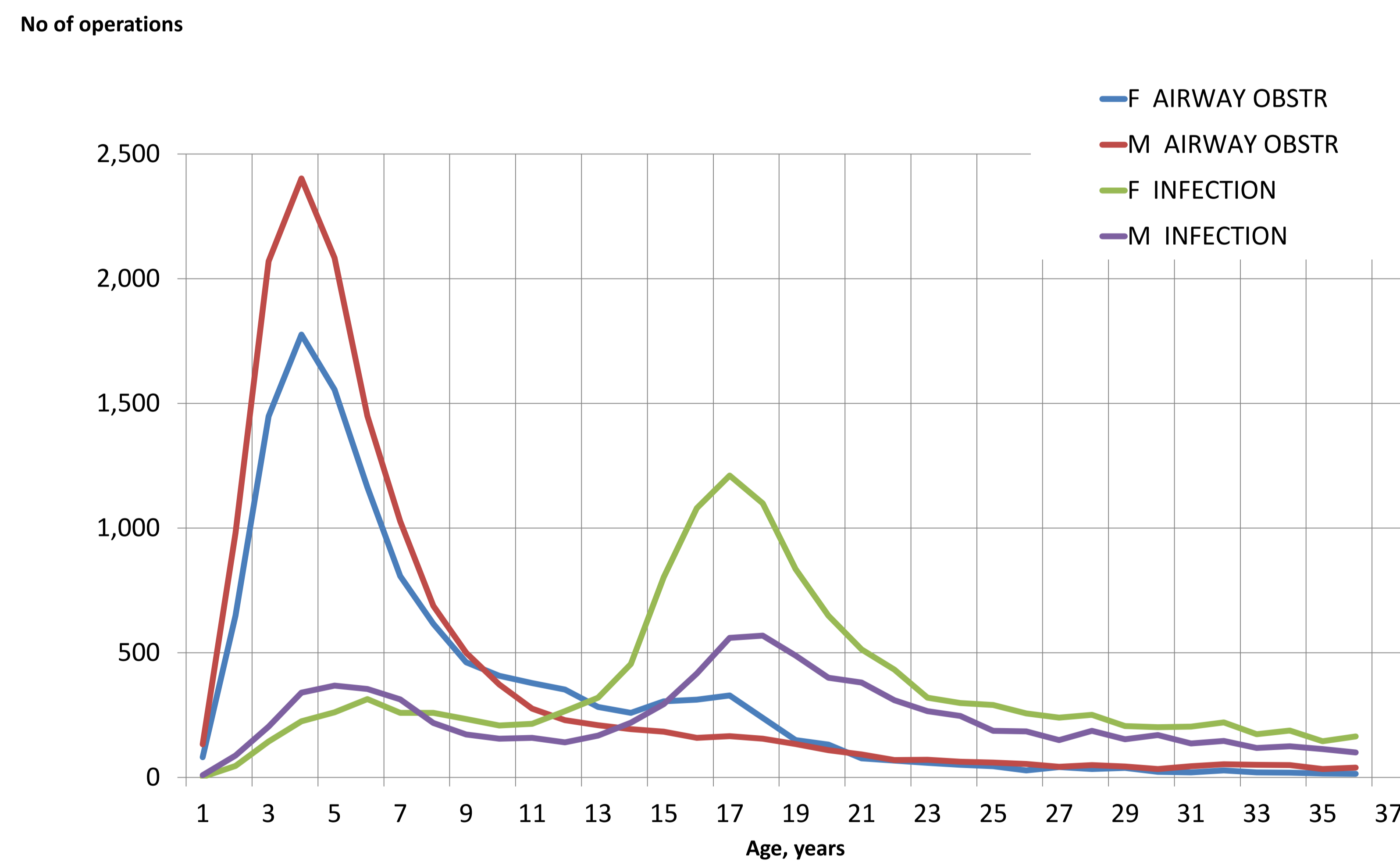
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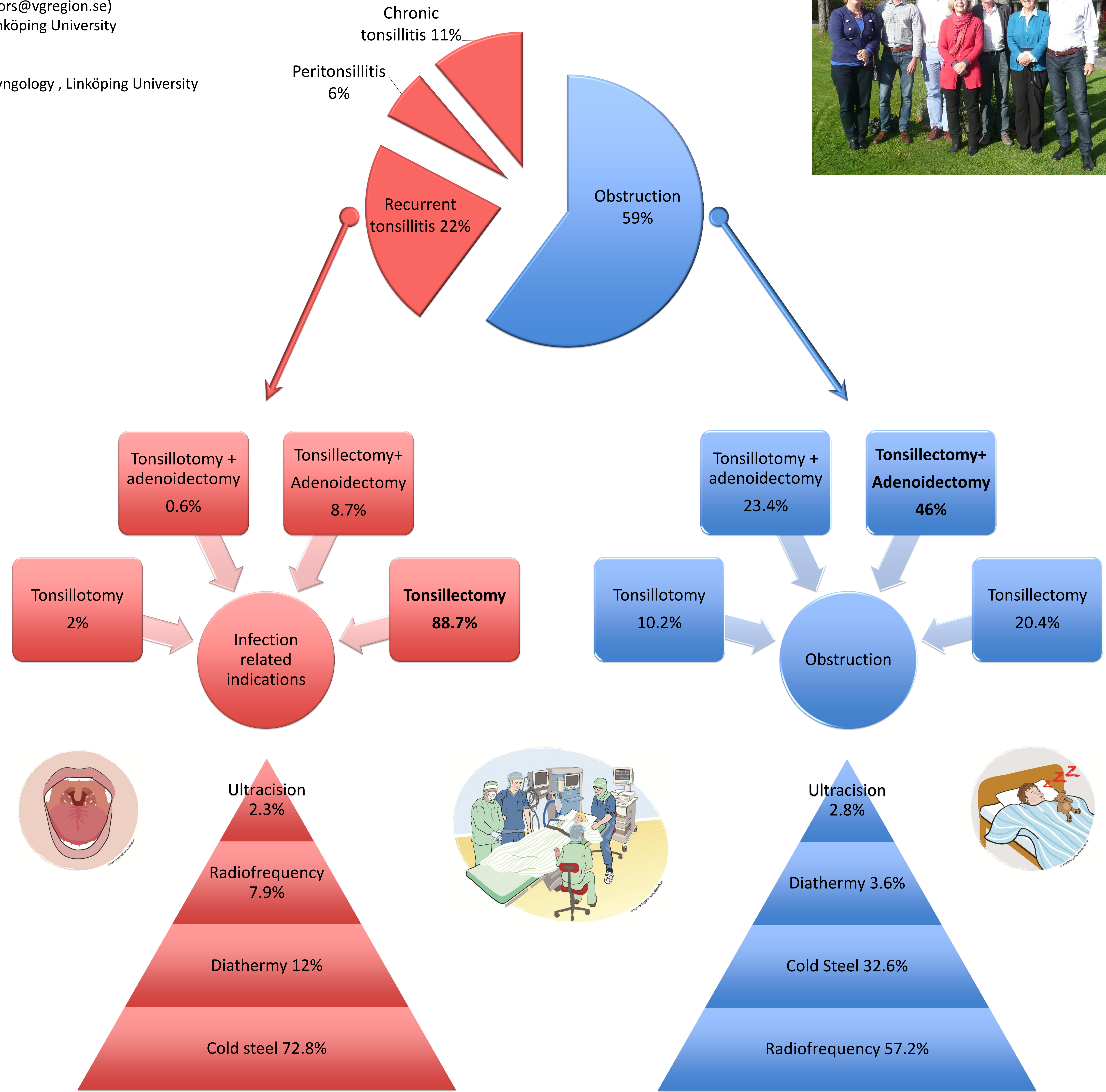
Objective: The purpose of the National Tonsil Surgery Register is to compile outcome data with regard to tonsil surgery for description of the activities of respectively clinic, clinical improvement programs and research. The aim of this paper is to describe age, gender, indications with respect to surgical methods and techniques.

M&M: All patients registered in the registry between March 2009 to January 2012 were analyzed with respect to demographics, indication for surgery, surgical method and surgical techniques. A total of 24 084 patients were registered, representing 62% completeness and 86% coverage.

Results: Results are presented in graphs.



Conclusions: In Sweden, tonsil surgery for obstructive symptoms are typically performed in pre-school boys with tonsillotomy with or without adenoidectomy and radiofrequency is the most used technique. Tonsil surgery for infection related indications is typically performed in the late teen with tonsillectomy using cold steel and girls are affected more often.



References:
 Paradigm shift in Sweden from tonsillectomy to tonsillotomy for children with upper airway obstructive symptoms due to tonsillar hypertrophy. Hultcrantz et al. Submitted to Acta Oto-Laryngologica
 Does gender influence the decision to operate? Månsson I et al. Submitted to BMJ Open
 Tonsil surgery efficiently relieves symptoms. Analysis of 54 696 patients in the National Tonsil Surgery Register in Sweden. Stalfors J et al. Acta Oto-Laryngologica 2012 May;132(5):533-9.
 Reduced risk of primary postoperative hemorrhage after tonsil surgery in Sweden. Results from the National Tonsil Surgery Register in Sweden covering more than 10 years and 54 696 operations. Hessén Söderman AC et al. Laryngoscope 2011 Nov, 121:2322-6.