

5<sup>th</sup> Global Summit and Expo on

# HEAD, NECK AND PLASTIC SURGERY

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### Use of coblation in pediatric head and neck procedures

Coblation technology has been used in adult and pediatric adenotonsillectomy since it was introduced in 2001. Since then this device has been used in numerous head and neck procedures including nasal polypectomy, epistaxis management, lingual tonsillectomy, removal or debulking of lymphovascular or venous malformations, removal of suprastomal granulation tissue and laryngeal surgery. Coblation technology uses plasma generation that dissolves hydrogen bonds in tissue, resulting in volume reduction and lower thermal spread to surrounding structures than electrocautery techniques. Literature review of techniques and indications will be supplemented with specific case presentations.

### Biography

Eileen Raynor is an Associate Professor of the Pediatric Otolaryngology, Head and Neck Surgery & Communication Sciences at Duke University Health System, USA. She has been actively engaged in clinical research since Residency.

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