The Department of Otolaryngology- Head and Neck Surgery at Boston University Medical Center is conducting a NIDCD sponsored clinical study to evaluate a new treatment for:

**Pediatric patients with laryngeal papillomatosis**

This study will compare the effectiveness of:

1) **A combined treatment of Pulse Dye Laser and DIM**

Vs.

2) **Pulse Dye Laser and Placebo**

Studies have demonstrated that pulsed dye laser (PDL) can remove lesions on the vocal cords with less damage to tissues than the carbon dioxide laser or cold-knife surgical techniques.

Recent studies have shown a potential role for the dietary supplement diindolylmethane (DIM), a dietary product, in the inhibition of the growth of RRP lesions.

The aim of our study is to develop a novel, less invasive, and long-term effective strategy for treatment of RRP in children. We intend to show that combining a laser microvascular targeting technique with orally administered DIM will result in control of the disease better than the control achieved with using the PDL alone.

*currently recruiting patients aged 10-21 that require surgical treatment for laryngeal papilloma*

To recommend/refer a patient to this study, or for questions please contact us at:

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