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ONLINE EXCLUSIVES

Bacterial cellulose as a new graft model for the Turkish delight technique in rhinoplasty: An experiment in 20 rats

Sevim Aydinli, MD; Sultan Bişkin, MD;
Aykut Erdem Dinç, MD; Yusuf Orhan Uçal, MD;
Nilüfer Kandemir, MD; İshak Özel Tekin, MD

We conducted an experiment to investigate the effectiveness of bacterial cellulose, a new graft material, in correcting and preventing dorsal nasal disorder in rhinoplasty. The experiment was performed on 20 Wistar albino rats. The rats were evenly divided into two groups: a fascia group and a cellulose group. In the fascia group, grafts from the conchal cartilage were removed, shredded, and then wrapped in temporal muscle fascia. In the cellulose group, shredded cartilage was wrapped in the bacterial cellulose. These shredded....

Intracapsular tonsillectomy for keratosis pharyngeus: A pilot study of postoperative recovery and surgical efficacy

LCDR Philip A. Gaudreau, MD;
CAPT (ret) Eric M. Gessler, MD

Our objective was to perform a pilot study comparing intracapsular radiofrequency ablation tonsillectomy with subcapsular tonsillectomy in adult patients with keratosis pharyngeus. Patients diagnosed with keratosis pharyngeus between December 2010 and February 2013 were randomized to undergo either intracapsular or subcapsular tonsillectomy using radiofrequency ablation. Postoperative pain scores and amount of pain medication taken were recorded for 2 weeks. A 6-month follow-up questionnaire was used to assess efficacy of the procedure. Twenty-two....

Hereditary hemorrhagic telangiectasia—laser treatment of epistaxis

Gorazd Poje, MD; Marcel Marjanović Kavanagh, MD

Hereditary hemorrhagic telangiectasia (HHT) is a rare, autosomal dominant disorder characterized by recurrent epistaxis, telangiectasias, and multiorgan vascular dysplasia. Various modalities exist for the treatment of HHT-related chronic epistaxis, although no method is preferred over another. The aim of this study was to review the effectiveness of diode laser photocoagulation in the treatment of epistaxis in patients with HHT. The study included 17 patients (7 men, 10 women) treated with diode laser photocoagulation from year 2008 to 2012. All patients met the Curaçao criteria for a diagnosis of HHT. Patients were followed for 1 year. Treatment success was assessed using a custom....

Endoscopy-assisted Coblation for nasopharyngeal stenosis: A report of 2 cases

Omer Karakoc, MD; Bahtiyar Polat, MD;
M. Timur Akcam, MD; Mustafa Gerek, MD

Acquired nasopharyngeal stenosis, the standard treatments for which carry a high risk of restenosis, is an uncommon complication of both velopharyngeal surgery and radiotherapy to the nasopharynx. We present the cases of 2 men, aged 41 and 52 years, who underwent surgical treatment for nasopharyngeal stenosis with endoscopy-assisted Coblation. The two surgeries lasted 23 and 18 minutes, respectively. Neither patient experienced any surgical complication, and a nasopharyngeal stent was not needed in either case. At follow-up 12 months postoperatively, both patients exhibited a patent nasopharyngeal passage. Endoscopy....

Study of factors responsible for recidivism in allergic fungal rhinosinusitis

Bipin Kishore Prasad, MS

Patients with allergic fungal rhinosinusitis (AFRS) are typically atopic and immunocompetent. Despite combined modality treatment based on surgery and immunomodulation, the potential for recidivism is well recognized. A study was conducted in a military hospital in India to identify the factors responsible for recidivism in AFRS and to suggest measures to overcome it. Sixty patients with AFRS (42 new cases and 18 cases that required revision surgery) were managed between January 2009 and July 2013. Patients underwent endoscopic, radiologic, and laboratory evaluation for AFRS followed by functional endoscopic sinus surgery. Each patient received oral prednisolone....

Older siblings are at increased risk for foreign bodies

Laura H. Swibel Rosenthal, MD;
Matthew R. Bartindale, MD; Zachary C. Fridirici, MD;
Natalie A. Papillon, BS

A prospective, case-control study was performed to describe the role that siblings play in foreign bodies of the head and neck and to recognize situations in which children are most at risk for foreign bodies. Any child or adolescent (0 to 17 years old) with a foreign body removed from the head or neck was included. The data collected included location of the foreign body, location of acquisition (e.g., home), and the number of and ages of siblings. Controls were matched by age, sex, and location of removal (clinic, operating room, or emergency department). Thirty-four patients were enrolled (20 male, 14 female). The average age was....

Maxillary sinus mucocoeles and other side effects of external-beam radiation in the pediatric patient: A cautionary tale

Anthony Sheyn, MD; Tate Naylor, MD;
Felicity Lenes-Voit, MD; Eric Berg, MD

A sinonasal mucocoele can develop after the obstruction of a sinus ostium, which can occur secondary to trauma, infection, a neoplasm, or an iatrogenic cause. These mucocoeles typically arise in the frontal and ethmoid sinuses. Sinonasal mucocoeles are epithelium-lined cysts that can gradually expand to fill a paranasal sinus. They can present with ophthalmologic, rhinologic, and neurologic symptoms. There are reports in the literature of sinonasal mucocoele development after radiation for nasopharyngeal carcinoma. However, these cases are rare; when they do occur, they tend to arise in the sphenoid sinus. We describe the case of a 21-year-old man who had undergone external-beam radiotherapy for a right maxillary sinus rhabdomyosarcoma at the age of 4 years and who subsequently developed bilateral maxillary sinus mucocoeles and multiple other known complications of radiation therapy. To the best of our knowledge, this is the first case of postirradiation bilateral....

Social media in otolaryngology–head and neck surgery

Modupe Oyewumi, MD; John Lee, MD, MSc, FRCSC;
Allan Vescan, MD, FRCSC

The objective of this study was to assess the current use of social media tools within Canadian otolaryngology–head and neck surgery (OHNS) programs and to assess the interest within these programs to integrate social media for networking, social, and educational programs. A prospective study from September 2013 to February 2014 was performed involving residents and faculty in Canadian OHNS programs. A 26-item questionnaire was created and sent to staff and resident physicians who met the study inclusion criteria using an online survey tool (surveymonkey.com). There were 101 respondents for a 10% response rate. More than half (58.4%) of respondents reported use of social media for personal and/or professional matters. Residents....

ONLINE DEPARTMENTS

Laryngoscopic Clinic: TNF- α inhibitor as a cause of refractory suppurative laryngitis and rhinosinusitis

Sevtap Akbulut, MD; Lyndsay L. Madden, DO;
Berrylin J. Ferguson, MD, FACS; Clark A. Rosen, MD, FACS



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