

Johns Hopkins Bayview

Health and Wellness News



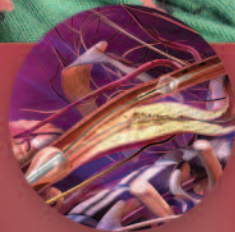
Sweet Scents

Sinus Surgery Awakens a Mother's Sense of Smell *(page 4)*

Endovascular Surgery

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Hip Dysplasia in Little People

Patients Benefit from Orthopedic Surgery Program Geared to Meet Their Unique Needs

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Tracy Franklin
and her children

Sweet Scents

Sinus Surgery Awakens a Mother's Sense of Smell

Many people use GPS in their cars to help them navigate roads and get where they need to go. Now, a specialized type of imaging—stereotactic computer-assisted surgical navigation—is bringing this technology into the operating room (OR) to help surgeons map the nasal passageways and give new hope to patients who suffer from chronic sinus problems, such as sinusitis, tumors, polyps and deviated septum.

Using stereotactic (3-D) guidance, sinus procedures can be performed through the nose—eliminating the need for open surgery and cosmetic deformity. An endoscopic camera, combined with CT scan images taken before surgery or in the OR at the time of the procedure, serve as a GPS system to help doctors guide every surgical instrument to the precise

location. This allows surgeons to access areas that before were difficult and dangerous to navigate, such as around the pituitary gland, carotid arteries, eyes and brain.

“The best part was being able to smell my children for the first time, and to be able to experience the great smell of coffee and the taste of food again.”

—Tracy Franklin

“This technology has revolutionized our field. It allows surgeons to be bolder and harness control of conditions we thought were insurmountable,” explains otolaryngologist Jean Kim, M.D. “The procedures offer immediate benefits to patients. They instantly sense that the obstruction is gone, and don’t have to endure the long recovery time of older, more invasive sinus surgical techniques. They are particularly helpful in revision surgery due to additional complexities, such as changes in the anatomy or the location of the disease. Because many of our patients have chronic conditions, this can literally change their quality of life.”

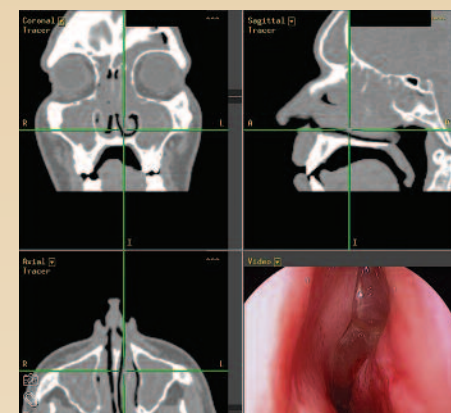
Tracy Franklin's Story

Tracy Franklin, age 35, had breathing problems for 17 years due to chronic sinusitis and nasal polyps. She came to Dr. Kim after six operations at other hospitals had failed to allow her to breathe, smell and taste properly.

Franklin reports that her outcome was very different following the endoscopic procedure. She had minimal bleeding and much less facial pain and pressure. She also required no packing of the nose with sponges or gauze, which can be another uncomfortable part of a traditional approach.

“Just to be able to wake up after surgery and breathe through my nose was amazing,” Franklin says. “The best part was being able to smell my children (ages one and three) for the first time, and to be able to experience the great smell of coffee and the taste of food again.”

—Kim Fabian



Stereotactic (3-D) guidance sinus procedures can be performed through the nose—eliminating the need for open surgery and cosmetic deformity.

Jean Kim, M.D.
Otolaryngologist



For more information on sinus surgery, call 410-550-2368.