



Benefits

Minimized Cost of Ownership with Low Capital Investment

Enhanced Flexibility and Safety through Special Blades

Simplified Move of Rhinology Procedures to Outpatient Setting

- **CELERIS** only requires a **power pack as a low capital investment**, so it can be available in all sites of care. Its **quick and easy plug-and-play setup** allows staff more time for patient care.
- The comprehensive portfolio* includes a **bendable device that reaches several anatomical areas**, where standard debridors would need up to four blades. The bipolar blade** enables physicians to manage incidental bleeding, thus reducing patients’ discomfort.¹
- **CELERIS is specifically designed to be portable**, encouraging to conduct the procedure as outpatient instead of as inpatient, which aims to free up OR capacity for advanced procedures.
- Being fully disposable, **CELERIS saves time and money by eliminating hand-piece reprocessing costs and servicing fees.**

* CELERIS offers four options covering the majority of clinic surgery needs: 2 mm and 4 mm bipolar, 4 mm standard, 4 mm malleable.
** Connected to a standard bipolar generator like the Celon Elite ESG-200 from Olympus.

Value Dimensions

CELERIS Provides Added Value for You and Your Staff

Economics

Cost and Cash-Flow Management

- Improved cash flow with low capital investment.
- Disposable device incurs no maintenance or reprocessing costs.
- Flexibility of special blades reduces need to purchase additional blades.

Efficiency

Process and Workflow Management

- Facilitates move of low-risk procedures out of OR, frees up time for more complex procedures, and may reduce waiting list.
- No setup or reprocessing required.

Safety

Patient and Staff Well-Being

- Local anesthesia brings many benefits.^{***}
- Efficient incidental bleeding management through bipolar blade.²
- Reduced risk of cross infections with disposable device.

Value

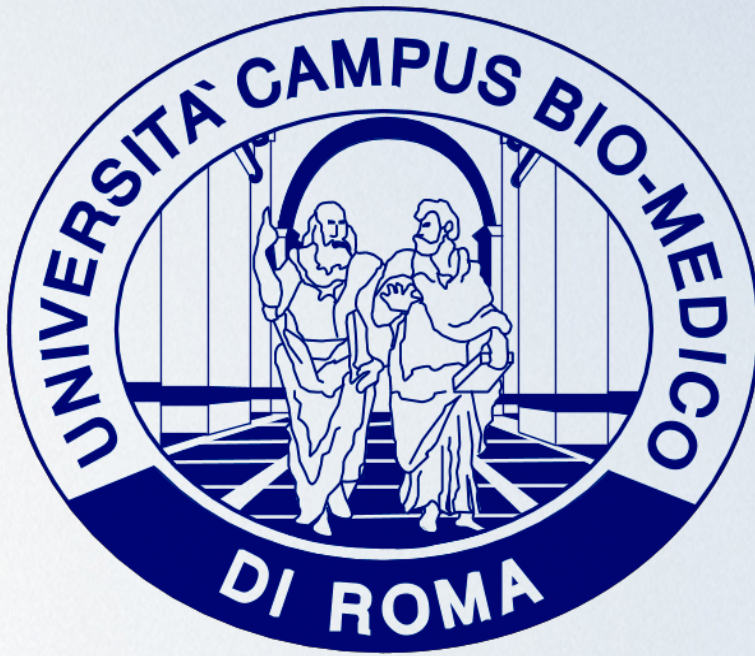
*** i.e., allowing for day patients, and treating patients that cannot receive general anesthesia.

“ The ability to perform awake rhino surgery instead of surgery with general anesthesia can bring many benefits like reduced procedure time and thus improved OR optimization, reduced hospitalizations and fewer associated cost, or reduced waiting lists and thus accelerated access to patient care. Basically, we can state that awake surgery optimizes our hospital resource consumption. ”

Dr. Tafuro

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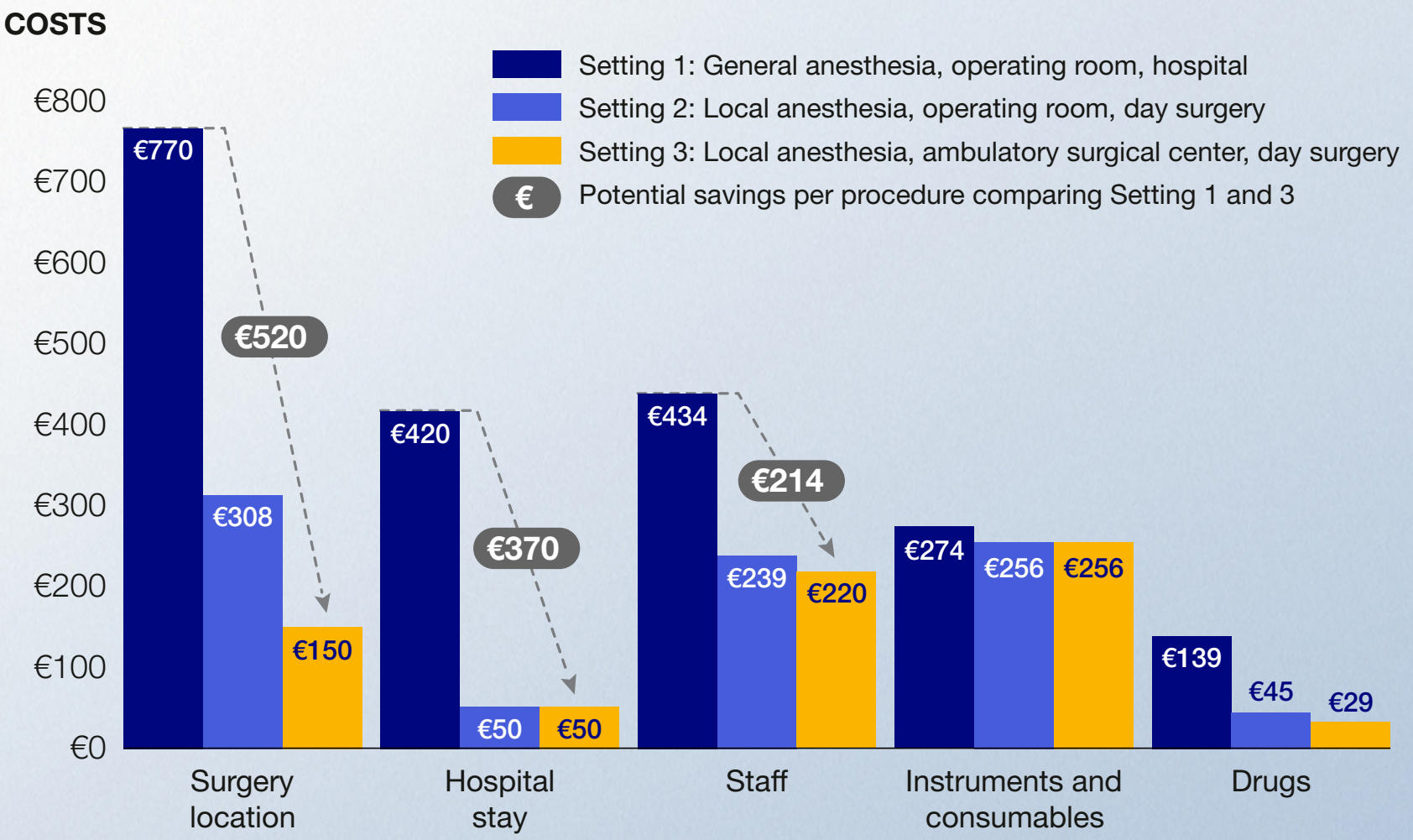
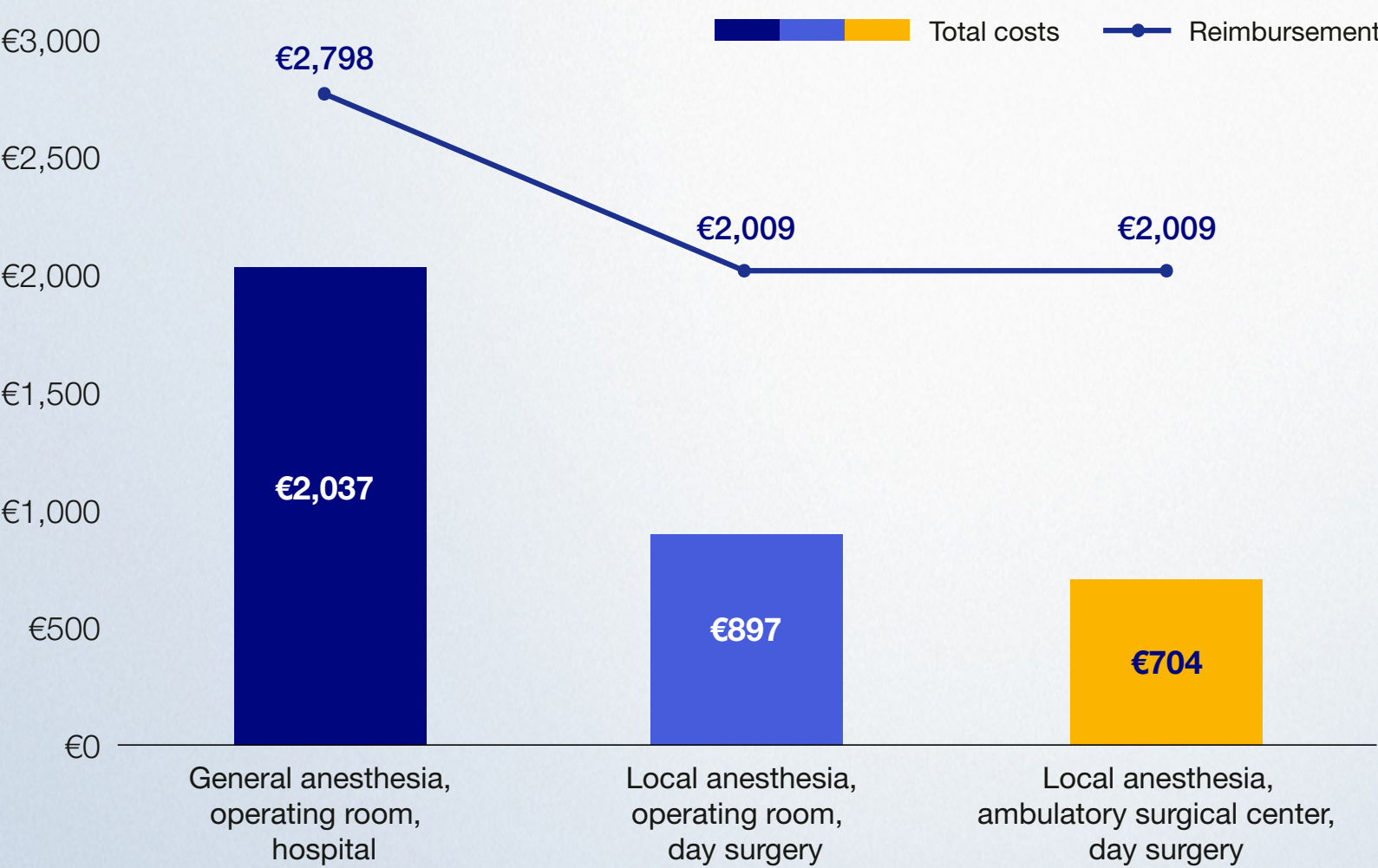
Overview of “Analysis on Economic Values and Impacts of Rhinology Surgeries in Awake Setup” Campus Bio-Medico – Rome



The aim of the project is to represent economic implications that emerge from the adoption of an alternative surgical path (local anesthesia) compared to the classic surgical path (general anesthesia) currently in use. The cost objects involved in the defined pathways relate to: hospitalization, care setting, medical and nursing team, medical devices, drugs and typical diagnostic tests of the pre- and postsurgical phases. The analysis is considering three sites of care and setting: operating room with general anesthesia, operating room with local anesthesia (LA), ACA (surgically equipped room) with LA. The resulting economic analysis is based on costs vs. reimbursement for three types of surgery: polypectomy, FESS, and turbinate reduction (SMR).

Economic Implications Example: Functional Endoscopic Sinus Surgery (FESS)

The graphs show the costs related to the management of a patient undergoing a FESS procedure in the three different settings (general anesthesia in OR, awake surgery in OR, awake surgery in outpatient setting) vs. the reimbursement in the Lazio region.



References

¹ Data on file (DN0047421 DVS)

² Kumar N, Sindwani R. Bipolar microdebrider may reduce intraoperative blood loss and operating time during nasal polyp surgery. Ear Nose Throat J.91(8):336-44. PMID:22930083,2012.

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As medical knowledge is constantly growing, technical modifications or changes of the product design, product specifications, and accessories may be required.