

General Concepts in Ambulatory Surgery (AS)

TYPES OF SURGERIES THAT WE CAN INCLUDE IN AS

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CONCEPTS

NO CONFLICT OF INTEREST

CONCEPTS

AS Definition

“the IAAS recommend the descriptor Ambulatory Surgery defined as an operation/procedure, excluding an office or outpatient operation/procedure, where the patient is discharged on the same working day”.



International Association for Ambulatory Surgery

**AMBULATORY
(DAY)
SURGERY**

**Suggested
international terminology
and definitions**

CONCEPTS

CONDITIONS FOR AS

- ▶ **Quality of the clinical management**
- ▶ **Safety of the patient.**

CONCEPTS

ASSISTANCE MODALITIES

- ▶ Elective procedures.
- ▶ Emergency surgery.

CONCEPTS

PROCEDURE

PATIENT

AS

OVER 70%

CONCEPTS

AS PROGRESS

- ▶ New anaesthetic procedures and drugs.
- ▶ Minimally invasive surgery, including endoscopic techniques, Robotics, Artificial Intelligence
- ▶ Postoperative follow-up improvement (telematic, e-health).
- ▶ ERAS Protocols.

CONCEPTS

“BASKET OF PROCEDURES”

CONCEPTS

INVOLVED SURGICAL SPECIALTIES

- ▶ General and Digestive Surgery.
- ▶ Orthopaedics and Traumatology.
- ▶ Urology.
- ▶ Pediatric Surgery.
- ▶ Vascular Surgery.
- ▶ Ophthalmology.

CONCEPTS

INVOLVED SURGICAL SPECIALTIES

- ▶ ENT Surgery.
- ▶ Gynecology.
- ▶ Plastic Surgery.
- ▶ Neurosurgery.
- ▶ Oral and Maxillofacial Surgery.
- ▶ Thoracic Surgery.

CONCEPTS

INVOLVED NON SURGICAL SPECIALTIES

- ▶ Anaesthesia.
- ▶ Digestive Endoscopy.
- ▶ Radiology.

General and Digestive Surgery

- ▶ Inguinocrural hernia repair (open or laparoscopic).
- ▶ Epigastric and umbilical hernia.
- ▶ Incisional hernia.
- ▶ Proctology: anal fissure, fistula, haemorrhoids (conservative or resective), mucous rectal prolapse, anal condilomata, anal papillae and abscesses.
- ▶ Pilonidal sinus.
- ▶ Lymph node biopsy.
- ▶ Laparoscopic cholecystectomy.

General and Digestive Surgery

- ▶ Pelvic floor surgery.
- ▶ Acute appendicitis.
- ▶ Thyroid surgery, benign and malignant (partial or total resection).
- ▶ Parathyroid surgery.
- ▶ Malignant and benign breast surgery (including axillary lymphadenectomy).
- ▶ Laparoscopic hiatal hernia repair.

General and Digestive Surgery

New procedures

- ▶ Bariatric and metabolic laparoscopic surgery.
- ▶ Colon resection by laparoscopic approach.

Orthopedics and Traumatology

- ▶ **Sinovial cyst.**
- ▶ **Palmar fasciectomy, sinovectomy.**
- ▶ **Exostosis and foreign bodies.**
- ▶ **Hallux valgus.**
- ▶ **Carpal tunnel release.**

Orthopedics and Traumatology

- ▶ **Bone and sinovial biopsies.**
- ▶ **Fractures.**
- ▶ **Arthroscopies (knee, elbow, wrist/hand, hip, shoulder, ankle, foot, spine).**
 - **Diagnosis.**
 - **Treatment (ligaments repair, meniscectomies).**

Orthopedics and Traumatology

New procedures

- ▶ **Joint replacement.**
- ▶ **Complex osteotomies.**

Urology

- ▶ **Hidrocelectomy and varicocele treatment.**
- ▶ **Circumcision.**
- ▶ **Orchiectomy.**
- ▶ **Prostatic adenomectomy by laser or other techniques.**
- ▶ **Falectomies, corporoplasties.**
- ▶ **Testicular and penile prosthesis.**
- ▶ **Urinary incontinence surgery.**
- ▶ **Urethral stenting.**

Urology

- ▶ Donor nephrectomy for transplantation.
- ▶ Ureteroscopy.
- ▶ Ureteral stones removal.
- ▶ Bladder tumours by endoscopic approach.
- ▶ Interstitial radiotherapy of the prostate.
- ▶ Pelvicoureteral surgery.

Urology

New procedures

- ▶ Radical prostatectomy for cancer (robotic surgery?).

Paediatric Surgery

- ▶ **Hernia surgery.**
- ▶ **Vestibular and lingual frenectomy.**
- ▶ **Branchial arch cyst and fistuli.**
- ▶ **Orchidopexy.**
- ▶ **Circumcisión.**
- ▶ **Meatotomy.**

Vascular Surgery

- ▶ **Variceal surgery.**
- ▶ **Variceal sclerosis.**
- ▶ **Vascular biopsies.**
- ▶ **Venous access (haemodialysis).**
- ▶ **Pacemakers.**

Vascular Surgery

New procedures

- ▶ Endovascular procedures:
 - Arterial stenting.
 - Abdominal aortic aneurysms.
- ▶ Aorto-iliac occlusive disease (robotics?).

Ophthalmology

- ▶ **Cataract surgery.**
- ▶ **Retinal surgery (vitrectomy).**
- ▶ **Glaucoma surgery (Trabeculectomies and MIGS device).**
- ▶ **Estrabism surgery.**
- ▶ **Palpebral surgery.**
- ▶ **Lacrimal surgery.**

ENT Surgery

- ▶ **Adenoidectomy and Tonsillectomy.**
- ▶ **Nasal polyposis.**
- ▶ **Myringoplasties, myringotomies and septoplasties.**
- ▶ **Endolaryngeal microsurgery.**
- ▶ **Dacriocystorinostomy.**

ENT Surgery

- ▶ **Cordectomy.**
- ▶ **Sialoendoscopy.**
- ▶ **Branquial and nasogenic cysts.**
- ▶ **Nasal sinus surgery.**
- ▶ **Nose fractures.**

Gynecology

- ▶ **Diagnostic Laparoscopy.**
- ▶ **Tubal surgery.**
- ▶ **Vulvar surgery.**
- ▶ **Ovarian cyst laparoscopic surgery (selected).**
- ▶ **Pelvic floor surgery.**
- ▶ **Hysteroscopies (diagnostic and therapeutic).**

Gynecology

New procedures

- ▶ Laparoscopic and/or vaginal hysterectomies.

Plastic Surgery

- ▶ **Skin tumours (benign and malignant).**
- ▶ **Facial reconstructions.**
- ▶ **Breast surgery, including spansors and reconstructions.**
- ▶ **Umbilicated nipples.**
- ▶ **Lipodistrofies.**
- ▶ **Cosmetic surgery.**

Neurosurgery

- ▶ Spine surgery.
 - Vertebroplasty.
 - Intervertebral disc microsurgery.
- ▶ Peripheral nerve surgery.
- ▶ Stereotactic cranial surgery.
- ▶ Cranioplasty and cranial tumours.
- ▶ Bening brain tumours.
- ▶ Ventriculo-peritoneal shunts.

Oral and maxillofacial Surgery

- ▶ Facial tumours (benign and malignant).
- ▶ Maxillofacial area traumatism.
- ▶ Facial lipofilling.
- ▶ Temporomandibular disturbances (arthroscopy).
- ▶ Cyst and dentogenous cyst enucleation.

Oral and maxillofacial Surgery

- ▶ **Dental implantology.**
- ▶ **Pre-implantology surgery.**
- ▶ **Salival glands surgery.**
- ▶ **Selected facial fractures.**

Oral and maxillofacial Surgery

New procedures

- ▶ Biodegradable materials for facial reconstruction.
- ▶ 3D techniques.

Thoracic Surgery

- ▶ Thoracic sympathectomy.
- ▶ Thoratoscopies.
- ▶ Pulmonary bullae.
- ▶ Limited pulmonar resection by thoracoscopic appproach.

Anaesthesia

- ▶ **Stellate ganglion blocks.**
- ▶ **Epidural block.**
- ▶ **Diagnostic sympathectomies.**
- ▶ **Epidural catheters implantation.**
- ▶ **IV perfusion for neuropathic pain treatment.**

Digestive Endoscopy

- ▶ **Percutaneous endoscopic gastrostomy.**
- ▶ **Endoscopic procedures under general anaesthesia.**

Radiology

- ▶ **Complex biopsies under radiological control.**
- ▶ **Collection drainage.**
- ▶ **Radiological explorations under anaesthesia.**

MESSAGE

THE QUESTIONS ARE:

- ▶ Can this operation in this patient be performed on an ambulatory basis?.
- ▶ Do I have to admit this patient as an inpatient for this surgical procedure?.

MESSAGE

YES and NO

DO IT IN AN OUTPATIENT SETTING

Concepts

Děkuji mnohokrát

Thank you very much



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