1. ALLERGOLOGY AND CLINIC IMMUNOLOGY

- General allergology consultation
- Diagnostic techniques
  - Cutaneous tests:
    - Prick test
    - Prick-Prick o Prick by Prick
    - Epicutaneous
    - Intradermorreaction
  - Functional respiratory test:
    - Simple spirometry
    - Forced spirometry
  - Bronchodilator test
  - Test of controlled administration of medicine

2. BLOOD TESTS

- Biochemistry:
  - Automation area: biochemistry consolidated tests, proteins and immunoassay with an innovative system of robotization highly efficient
  - Hematology and coagulation
  - Immunology
  - Hormones laboratory
  - Microbiology
  - Parasitology
  - Toxicology
  - Molecular diagnostic
  - Cytogenetic
  - Emergency laboratory: all year 24h service
  - Morbid anatomy
  - Prevention of working risks
  - Occupational medicine

- Specials test:
  - Functional tests.
  - Molecular diagnostic: Molecular diagnostic of hereditary diseases. Oncology diagnosis
  - Autoimmunity
  - Continued healthcare laboratory (hospital)
3. MORBID ANATOMY
- General surgical pathology.
- Intrasurgical biopsies
- Mohs intrasurgical surgery
- Cervico-vaginal exfoliative cytology of liquids and spills
- Puncture-aspiration of superficial and deep organs with thin needle
- Immunohistochemistry (diagnostic and prognostic)
- Immunofluorescence
- Molecular biology (in collaboration with the Genetic Service)

4. ANESTHESIOLOGY
- Pre-anesthetic consultation
- Anaesthetic procedures:
  - General anesthesia, spinal and combined
  - Deep anesthetic blocks
  - Intravenous regional anesthesia
  - Monitorized anesthetic sedation
  - Central tracts canalization
  - Etc.
- Post-anesthetic surveillance in postsurgical reanimation unit
- Pain treatment unit

5. DIGESTIVE SYSTEM
- Diagnostic and therapeutic colonoscopies
- Diagnostic and therapeutic gastroscopies
- Duodenoscopies
- Gastrostomies
- POSE Method
- Endoscopies
- Retrograde endoscopic diagnostic and therapeutic colangiopancreatography (CPRE)
- Fibroscan. Hepatic biopsy without puncture.

6. CARDIOLOGY
- Outpatient cardiology
- Arrhythmia consultation
- Cardiac hospitalization
- Ecocardiogram
- Ergometry
- 24 h Holter and implantable Holter
- Coronary TAC 64 cuts
- Ablation of accessory tracts
SPECIALTIES AND SERVICES

- Ablation of the AV node
- Double intranodal tract ablation
- Ablation of short-circuit in ventricular tachycardia
- Atrial Flutter ablation and atrial fibrillation
- Cardioversion

7. PHYSICAL CHECK UP UNIT

- General check-ups (radiology, heart and lungs, blood tests, ophthalmologic and otorhinolaryngologic revisions, urologic or gynecologic revisions, digestive system)

- Special check-ups:
  - Urologic check-ups
  - Cardiologic check-ups
  - Gynecologic check-ups

8. GENERAL SURGERY

- Digestive Surgery:
  - Esophagus pathology
  - Hiatus hernia
  - Gastro-esophagus regurgitation pathology
  - Benign and malign tumour esophagogastric pathology

- Hepatobiliary-pancreatic Pathology
  - All vesicle and biliary tract problems
  - Pancreatic inflammatory and cystic alterations (Pancreatitis)
  - Hepatic cystic pathology and tumours

- Small and large Intestive Pathology
  - Benign and malign tumour pathology
  - Inflammatory alterations (Diverticulitis, EII...)
  - Previous surgeries consequences (Obstructions, flanges...)

- Anorectal Pathology. Coloproctology.
  - Haemorrhoids
  - Fistulas
  - Fissures
  - Pelvic floor alterations
  - Functional disorders (incontinences, constipation...)

- Body Wall Surgery
- Endocrinometabolic Surgery
- Surgical Techniques:
SPECIALTIES AND SERVICES

- Gastric By-Pass
- Endocrine Surgery:
  - Thyroidal functional disorders
  - Goitre
  - Adrenal tumours
  - Oncologic surgery

9. MAXILLOFACIAL SURGERY
- External consultations
- Oral surgery
- Orthognatic surgery or dento-facial malformations surgery
- Pre-prosthetic surgery and dental implantology
- Oral oncology
- Treatment of the temporomandibular articulation diseases
- Treatment of the salivary gland diseases
- Implantology

10. ORTHOPEDIC SURGERY
- External consultations
- Prosthetic surgery (knee, hip, shoulder)
- Column surgery
- Shoulder surgery
- Hand and peripheral nerves surgery
- Foot surgery
- Biological and regenerative surgery
- Tumor surgery
- Arthroscopic and sporty surgery

11. PAEDIATRIC SURGERY
- External consultations
- Paediatric surgery:
  - Hernias: groin, epigastric, umbilical.
  - Cysts and cervical fistulas
  - Thyroglossal conduct cysts.
  - Cryptorchidism
  - Phimosis
  - Appendicitis

12. PLASTIC, COSMETIC, AND REPAIR SURGERY
- Head and neck:
  - Congenital pathology: Malformations
  - Orthopedic pathology
- Tumor pathology
- Other head and neck pathologies
- Head and neck reconstructive surgery

**Trunk:**
- Thorax and abdomen congenital malformations
- Mammary reconstruction
- Reconstruction of coastal wall
- Reconstruction of abdominal wall

**Superior limb:**
- Evaluation and treatment of traumatisms
- Hand surgery
- Surgery of compartmental syndromes
- Brachial plexus and peripheral nerves surgery
- Tendons surgery
- Coverage of the loss of substance of superior limb
- Surgery of infections and tumors

**Lower extremity:**
- Evaluation and treatment of traumatisms
- Peripheral nerves surgery
- Tendons surgery
- Coverage of the loss of substance of inferior limb
- Surgery of infections and tumors

**Urogenital system:**
- Surgeries of congenital malformations on masculine and feminine genitalia
- Penis reconstruction
- Vulva reconstruction

**Cosmetic surgery:**
- Blepharoplasty, otoplasty
- Facial aging surgery
- Profileplasty
- First and second rhinoplasty
- Corporal outline surgery, liposuction. Fatty stuffed
- Mammary cosmetic surgery: increase, reduction, mastopexy
- Abdominoplasty
- Genital cosmetic surgery

- Complete Laser Platform: Vascular, Dermatology, tattoos, Lipolaser

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**13. THORACIC SURGERY**

- Consultations
- Diagnosis surgery:
  - Pleuroscopy.
  - Mediastinoscopy
  - Mediastinotomy
  - Fibrobronchoscopy
SPECIALTIES AND SERVICES

- Rigid traqueobroncoscopy
- Thoracic wall biopsy.

- **Minor surgery:**
  - Thoracic drainage
  - Pneumothorax.
  - Empyema
  - Hidrothorax
  - Hemothorax
  - Quilo thorax

- **Lung Oncology Surgery:**
  - Lung resections because of cancer (lobectomy-neumonectomy).
  - Segmentary lung resections

- **Aerial tract surgery:**
  - Tracheotomy
  - Carina resections
  - Tracheobronchial endoscopy
  - Dilatations

14. **DERMATOLOGY**
- Dermatoscopy and pigmented tumors unit
- Cutaneous tumors
- Vitiligo unit
- Phototherapy unit
- Hypoluminescence unit
- Psoriasis unit
- Dermatologic surgery
- Mohs surgery
- Acne surgery
- Surgical operations

15. **IMAGING**
- Doppler imaging
- Echograms
- Mammography
- Diagnostical pathology of breast
- Conventional Radiology / Telemando
- Infantile radiology
- Maxillofacial radiology
SPECIALTIES AND SERVICES

- Magnetic Resonance Imaging (MRI)
- High resolution TAC

16. ENDOCRINOLOGY
- Diabetes Unit
- Obesity Unit
- Thyroid pathology unit
- Hypothalamus and pituitary Unit
- Phospho-calcium metabolism unit
- Suprarenal and pancreatic tumors pathology unit
- Infantile and teenager endocrinology
- Nutrition unit
- Calorimetry

17. PHYSIOTHERAPY AND REHABILITATION
- Functional valuation
- Soft tissues and osteo-articular infiltrations
- Adaptation of prosthesis and orthopedic brace
- Pelvic floor physiotherapy unit
- Shock waves treatment unit

18. GYNAECOLOGY AND OBSTETRICS
- Obstetrics:
  - Pregnancy monitoring
  - 4D ultrasound
  - Low intervention birth
- Gynaecology:
  - Laparoscopic surgery
  - Pelvic floor, incontinence, prolapses
  - Uterus, ovary and annexes ultrasound
- Gynaecologic oncology unit
- Assisted reproduction unit
- Mamma unit:
  - Direct digital mammography
  - Mama ultrasound
  - Guided biopsy and tumor pathologic diagnosis
- Prenatal diagnosis
- Hysteroscopy
- Early cancer diagnosis:
  - Cytology
  - Colposcopy
- Fetal diagnosis
• Integral Unit of mamma
• Pelvic therapy unit

19. INTERNAL MEDICINE
• Unit of medical-surgical shared handling
• Conventional Hospitalization
• Multi-pathological patient care Unit
• Infectious diseases and infection by HIV Unit
• Hypertension and cardiovascular risk Unit
• Fibroscan. Hepatic biopsy without puncture
• Medical emergencies

20. NEPHROLOGY
• Diagnosis and treatment of the renal insufficiency
• Creatinine Altercations
• Advanced renal disease consultation, valuation of dyalysis techniques
• Chronic renal insufficiency diet
• Renal cysts valuation and other ultrasounds alterations
• Valuation of elimination of blood in urine
• Loss of proteins in urine
• Edemas, liquids retention
• Metabolism alterations, Calcium/phosphorus, Parathyroidal hormone and D vitamin.
• Study of sodium, potassium and bicarbonate of soda alterations
• Nephritic colic and renal lithiasis study
• Lumbar colic pain study
• Urinary tract infections
• Diagnosis and treatment of arterial hypertension
• Valuation and therapy of resistant arterial hypertension
• Renal affectation of Mellitus diabetes. Microalbuminuria

21. NEUMOLOGY
• Consultations
  - Neumologic general consultation
  - EPOC
  - Asthma
  - Sleep apnea
  - Program of early detections of mamma cancer

• Functionals tests:
  - Forced spirometry
• **Fibrobroncoscopy:**
  - Diagnosis fibrobroncoscopy
    - Broncoalveolar clean-up
    - Bronchial biopsy and transbronchial
    - Transbronchial puncture

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### 22. NEUROSCIENCES AREA

- **Neurophysiology functional units**
  - Sleep unit
  - EEG video
- **Neupediatrics unit**

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### 23. OPHTHALMOLOGY

- Binocular vision unit
- Retina unit
- Refractive surgery unit
- Ocular surface unit
- Glaucoma unit
- Blotch unit
- Lachrymal tracts unit
- Oculoplasty and orbit unit
- Special explorations unit
- Optometry unit

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### 24. ONCOLOGY:

The oncologic care and advising unit Assures guidance and an integral assistance of all specific oncologic units with the same guarantee of quality in all the processes

- Oncologic care and advising unit
- Head and neck tumors unit
- Thoracic tumors unit
- Dermatologic tumors unit – melanomas
- Urologic tumors unit
- Muscular and osteoarticular tumors unit
- Digestive and hepatobiliary tumors unit
- Psycho-oncology unit
- Nervous system and cerebral tumors unit
25. OTORHINOLARYNGOLOGY

- **Laryngology:**
  - Treatment of pathologies like:
    - Laryngitis
    - Dysphonias
    - Nodules, polyps and vocal folds edemas
    - Larynx cancer
  - Diagnosis tests:
    - Fibrolaryngoscopy
  - Special surgical techniques:
    - Laryngeal micro-surgery
    - Laser surgery

- **Otology**
  - Treatment of pathologies like:
    - Otitis
    - Eardrum perforations
    - Auditory hypesthesia
    - Vertigo
  - Diagnostic tests:
    - Tonal audiometry
    - Verbal audiometry
    - Potential hearing evocative
  - Special surgical techniques:
    - Micro-surgery

- **Pharyngology:**
  - Treatment of pathologies like:
    - Tonsillitis
    - Pharyngitis
    - Pharyngeal tumors
  - Diagnostic tests:
    - Fibroscopy
    - Polisomnography
  - Special surgical technique:
    - Radiofrequency surgery

- **Rhinology:**
  - Treatment of pathologies like:
    - Rhinitis
    - Sinusitis
SPECIALTIES AND SERVICES

- Polyposis
- Septal deformities and nasal pyramid
- Traumatisms
- Nasosinusal tumors

- Diagnostic tests:
  - Endoscopy
  - Rhinofibroscopy

- Special surgical techniques:
  - Endoscopic surgery
  - Laser surgery
  - Radiofrequency surgery

- Infantile Otorhinolaryngology:
  - Treatment of pathologies like:
    - Otitis
    - Tonsillitis
    - Adenoids
    - Loss of audition
    - Sleep obstructive apnea
    - Congenital malformations
  - Diagnostic tests:
    - Fibroscopy
    - Infantile audiometry
    - Polisomnography
  - Special surgical techniques:
    - Hearing microsurgery
    - Laryngeal microsurgery
    - Radiofrequency surgery

26. PAEDIATRICS

- External consultations
- Paediatrics emergencies
- Hospitalization
- Neonatology unit. Minimal and intermediate cares
- Neonatal and paediatric Intensive Cares Unit
- Universal hearing screen
- Neonatal and paediatrics intensive cares
- Paediatric endocrinology
SPECIALTIES AND SERVICES

- Gastroenterology and paediatric nutrition
- Paediatric neuromology
- Infantile allergy
- Paediatric neurology
- Paediatric pneumology
- Infantile nephrology
- Paediatric cardiology
- Paediatric surgery
- Health child control
- Neonatology consultations
- Infantile orthopedics
- Paediatric radiology

27. RHEUMATOLOGY

- Inflammatory rheumatisms: Rheumatoid arthritis, psoriasis arthritis, spondyloarthritis, microcrystalline arthritis, ...
- Connective pathologies: Systemic erythematous lupus, DeSjögren syndrome, dermatosclerosis, dermatopolymyositis, mixed disease of connective tissue, Overlap syndromes, ...
- Angiitis: Rheumatic polimyalgyia, Arthritis of giant cells, Wegener, Churg-Strauss, panangitis, ...
- Infectious rheumatisms: cesspit arthritis, spondylodiskitis, pyomiositis ...
- Bones pathology: Osteoporosis, osteomalacy, pathological fractures, Paget and other diseases of bones metabolism.
- Ocular pathology related with rheumatic diseases like uveitis, scleritis, episcleritis, ...
- Degenerative pathology like peripheral arthrosis and spondiloarthrosis.
- Soft tissues pathology: fibromyalgia, shoulder tendinitis, trochanteric bursitis, epicondilitis, epitrocleitis ...
- Consultations procedures:
  - Articular and soft tissues ultrasounds
  - Arthrocentesis with diagnostic purposes
  - Articular and periarticular Infiltrations
  - Capillaroscopies
  - Guided punctures with ultrasound control

28. INTENSIVE CARE UNIT

- Neonatal Intensive Care Unit
- Adults Intensive Care Unit
29. EMERGENCIES

- 24h emergencies with 8 specialties: Internal Medicine, Gynaecology and Obstetrics, Paediatrics, Anaesthesiology, Intensive Medicine, Radiology, Laboratory, Midwifes.

30. UROLOGY

- Phimosis - Circumcision
- Vasectomies
- Hydrocele
- Varicocele - conventional open tract, laparoscopic and embolization
- Urethroplasty - Endoscopic with holmium laser, open with flap, terminoterminal, endouretrales prosthesis
- Renal lithiasis - percutaneous nephrolithotomy with holmium laser, open pyelolithotomy and laparoscopic pyelolithotomy.
- Ureteral lithiasis - Ureterorenoscopy with laser holmium lithotripsy
- Ureter Stenosis - urethroplasty with holmium laser, laparoscopic pyeloplasty
- Prostate Transurethral resection
  - With holmium laser
  - With Gyrus (bipolar)
- Radical Prostatectomy – Open or Laparoscopic
- Radical Nefrectomy – Open or Laparoscopic
- Partial Nefrectomy – Open or Laparoscopic
- Total nefroureterectomy – Open or laparoscopic
- Radical cystectomy – Open or laparoscopic
- Urologic ultrasound
- Transrectal ultrasound
- Study and treatment of erectile dysfunction
- Penis curve surgery
- Penis Prosthesis
- Pelvic Floor Surgery
- TOT, TVT prosthesis
- Cystocele correction mail
- Resection of tracts tumor – Percutaneous tract with holmium laser
- Cystoscopies - Flexible cystoscope