

**DEPARTMENT: VETERINARY BIOCHEMISTRY**

**NUMBER OF LABORATORIES: 4 (BIOCHEMISTRY, ENDOCRINOLOGY, MOLECULAR GENETICS, STUDENT LABORATORIES)**

**CAPACITY: DEVICES WHERE PHOTOMETRIC ANALYSIS, HORMONE ANALYSIS, MOLECULAR ANALYSIS ARE PERFORMED)**

**DEPARTMENT: VETERINARY BIOSTATISTICS**

**NUMBER OF LABORATORIES: 2 (COMPUTER LABORATORY AND THE COMPUTER LABORATORY LOCATED IN BILMER)**

**CAPACITY: 10 PCS**

**DEPARTMENT: VETERINARY VIROLOGY**

**NUMBER OF LABORATORIES: 3 (MOLECULAR VIROLOGY, ELISA AND CELL CULTURE LABORATORY)**

**CAPACITY: 15 PEOPLE**

**DEPARTMENT: ANIMAL NUTRITION AND NUTRITIONAL DISEASES**

**NUMBER OF LABORATORIES: 4 (IN VITRO, FEED ANALYSIS, A GAS CHROMATIGRAPHY, MILL LABORATORY)**

**DEPARTMENT: VETERINARY PATHOLOGY**

**NUMBER OF LABORATORIES: 5 (MICROSCOPE, HYSPTHALOGICAL PREPARATION, MOLECULAR PATHOLOGY AND IMMUNOHISTOCHEMISTRY, TISSUE REDUCTION, NECROPSY LABORATORY)**

**CAPACITY: 110 PEOPLE**

**DEPARTMENT: CHEMICAL BIOLOGICAL RADIOLOGICAL AND NUCLEAR DEFENSE**

**NUMBER OF LABORATORIES: 2**

**CAPACITY: 20 PEOPLE**

**DEPARTMENT OF SCIENCE: ANATOMY**

**NUMBER OF LABORATORIES: 1**

**CAPACITY: 120 PEOPLE - 12 WORK TABLES, 12 CASES, 212 DRY BONES, 554 PLASTIC MODELS, 2 MORGU UNITS, 3 DISSECTION TABLES, 1 PROJECTION DEVICE**

**DEPARTMENT: PHYSICAL EDUCATION AND SPORTS**

**NUMBER OF LABORATORIES: 4 (BIOMECHANICS AND KINANTROPOMETRY, BIOCHEMISTRY,**

**PERFORMANCE, PHYSICAL EDUCATION AND SPORTS TEACHING DEPARTMENT LABORATORIES)**

**DEPARTMENT: COACHING**

**NUMBER OF LABORATORIES: 3 (BIOMECHANICS AND KINANTROPOMETRY, BIOCHEMISTRY, PERFORMANCE LABORATORIES)**

**CAPACITY: 30 PEOPLE**

**DEPARTMENT: CHILD DEVELOPMENT**

**NUMBER OF LABORATORIES: 2 (FACULTY OF HEALTH SCIENCES NASREDDİN HOCA APPLICATION KINDERGARTEN)**

**CAPACITY: 10 PEOPLE**

**DEPARTMENT: VETERINARY HISTOLOGY AND EMBRYOLOGY**

**NUMBER OF LABORATORIES: 2(STUDENT LABORATORY, RESEARCH LABORATORY)**

**CAPACITY: 50 PEOPLE**

**DEPARTMENT: MIDWIVES**

**NUMBER OF LABORATORIES: 1 (SELÇUK PHARMACY SIMULATION CENTER)**

**CAPACITY: SELÇUK PHARMACY SIMULATION UNIT IN AREA OF 600 SQUARE METERS**

**ESTABLISHED. A SIMULATOR WITH AR (AUGMENTED REALITY) FEATURE (CAE HEALTHCARE LUCINA) WAS USED IN THE INSTALLED SIMULATION UNIT, FOR THE FIRST**

**TIME IN THIS FIELD IN OUR COUNTRY. 1 WITH CAE HEALTHCARE LUCINA SIMULATOR**

**MATERNITY ROOM UNIT, NEWBORN UNIT REVISED WITH I-SIMULATE SYSTEM, 2**

**GENERAL PURPOSE ADULT PATIENT ROOMS WHERE CAE HEALTHCARE JUNO**

**SIMULATORS ARE USED, CAE HEALTHCARE ARES AND BT-ACTB SIMULATORS ARE USED**

**ADVANCED LIFE SUPPORT AND EMERGENCY CARE MANAGEMENT UNIT AND CAE**

**DEBRIFING ROOM, WAREHOUSE**

**THERE ARE SUPPORT AREAS, TECHNICAL AREAS, ETC. WITH THE SIMULATION CENTRAL**

**MANAGEMENT AND OPERATING SYSTEM (3D MEDSİM LMS), ALL KINDS OF STUDENTS**

**MAKE**

**DEPARTMENT: IMMUNOLOGY**

**NUMBER OF LABORATORIES: 1 (IMMUNOLOGY LABORATORY)**

**CAPACITY: FLOW CYTOMETRY DEVICE, MICROPIPETTES, REFRIGERATED**

**CENTRIFUGE,**

**DEPARTMENT: ANIMAL HEALTH ECONOMICS AND**

**MANAGEMENT NUMBER OF LABORATORIES: 1 (COMPUTER**

**LABORATORY) CAPACITY: 11 COMPUTER, OVERHEAD**

**DEPARTMENT: VETERINARY PHARMACOLOGY AND TOXICOLOGY**

**NUMBER OF LABORATORIES: 2**

**CAPACITY: GAS CHROMOTOGRAPH (GC), Oven, ELISA-SPECTROPHOTOMETER, ELISA WASHING**

**DEVICE,FLUORESCENT MICROSCOPE,TISSUE CULTURE MICROSCOPE,CO2**

**INCUBATOR,LAMINAR AIR FLOW UNIT,THERMO SHAKER,AUTO HEMATOLOGY**

**ANALYZER,HPLC,CENTRIFUGE,SONICATOR,FREEZE DRYER,ULTRA LOW TEMPERATURE**

**FREEZER,SAFE CHEMICAL CABINET,REFRIGERATOR,IMAGING DEVICE,THERMAL**

**CYCLER,POWER SUPPLY,REAL TIME SYSTEM,UVC/T-AR DNA UV CLEANER CABINET**

**DNA/RNA UV**

**DEPARTMENT: NUTRITION AND DIETETICS**

**NUMBER OF LABORATORIES: 3 (ANTHROPOMETRIC, NUTRITIONAL CHEMISTRY, NUTRITIONAL CHEMISTRY LABORATORIES)**

**CAPACITY: BODY ANALYSIS DEVICE, HEIGHT METER, FOOD PYRAMID, INFANTOMETER, MEASUREMENT,**

**CALIPER, HAND DYNAMOMETER, PEDOMETER, FOOD REPLICAS, REFRIGERATOR,**

**MICROSCOPE, TABLE TYPE PH METER, WATER BATH, DRYING CABINET, ASH OVEN,**

**OVEN, SOCKET DEVICE, REFRACTOMETER, SCALE, DESICATOR, OVEN WITH STOVE,**

**WASHING MACHINE, DISHWASHER. MACHINE, MICROWAVE OVEN , MIXER, KETTLE,**

**FRYER, PROBMETER, DRYER**

**DEPARTMENT: MEDICAL PHARMACOLOGY**

**NUMBER OF LABORATORIES: 1 (PHARMACOLOGY LABORATORY)**

**CAPACITY: ISOLATED ORGAN BATH FOR ELECTRICAL FIELD STIMULATION**

**STIMULATOR AND ELECTRODES, ROUTE ROD PERFORMANCE TEST, ORGAN PERFUSION**

**EQUIPMENT, STEREOTACTIC TABLE, PAIN PHARMACOLOGY TESTS, ELECTRONIC VON**

**FREY, PLANTAR TEST, HOT PLATE, IN VITRO PHARMACOLOGY EXPERIMENTS, ECG,**

**INVASIVE AND NON-INVASIVE COAN PRESSURE MEASUREMENT UMÜ,RECTAL**

**TEMPERATURE PROBE**

**DEPARTMENT: VETERINARY ANATOMY**

**NUMBER OF LABORATORIES: 5 (RESEARCH LABORATORY, STUDENT LABORATORY, CADAVER HALL, ANATOMY Amphitheater, BONE ROOM)**

**CAPACITY: OVEN, FUME HOUSING, PRECISION SCALE, MAGNETIC STIRRER, MICROTOME, BINOCULAR MICROSCOPE, STEREO MICROSCOPE, COOLER (REFRIGERATOR), DEEP**

**FREEZER, BAIN MARIE, VACUUM PUMP, ELECTRIC COOKER, SABIH BENCH VISE, 3D PRINTER, 3D SCANNER, COLD STORAGE, VENTILATION, ANATOMY**

**TABLES, CADAVER STORAGE POOL, BAND SAW, MEAT-BONE CUTTING MACHINE, DIRTY WATER DRAIN PUMP, COMPRESSOR, DISSECTION SET, HORSE-CATTLE-DOG-CAT-HEEP-**

**POULTRY CADAVERS, 4K TELEVISION, ELECTRIC CRANE, HORSE-CATTLE-PIG-DOG-CAT-HEEP BONES, HORSE-CATTLE-HEEP-CAT-WINGED-EYE-EAR-BRAIN-BREAST-TOOTH MODELS**

**DEPARTMENT: VETERINARY PARASITOLOGY**

**NUMBER OF LABORATORIES: 3**

**CAPACITY: MICROSCOPIC, SEROLOGICAL AND MOLECULAR STUDIES ARE CONDUCTED. LARVA IS PRODUCED TO BE USED IN MAGGOT THERAPY.**

**DEPARTMENT: VETERINARY OBSTETRICS AND GYNECOLOGY**

**NUMBER OF LABORATORIES: 2**

**CAPACITY: IN VITRO FERTILIZATION LABORATORY (10-40 PEOPLE), ANIMAL HOSPITAL CLINICS (10-75 PEOPLE)**

**DEPARTMENT: VETERINARY NUTRITIONAL HYGIENE AND TECHNOLOGY**

**NUMBER OF LABORATORIES: 3**

**CAPACITY: SENSITIVE SCALE, MOISTURE ANALYZER, WATER BATH, VISCOSIMETER, PH METER, CENTRIFUGE, MAGNETIC STIRRER, AUTOCLAVE, INCUBATOR, DISTILLED WATER DEVICE, MICROBIOLOGIC BIOSAFETY CABINET, SHAKER INCUBATOR, LAMINAR FLOW CABIN, MCFARLAND**

**THERE ARE DENSITOMETER, REAL TIME TURBIDIMETER CONTROL UNIT, CENTRIFUGE, THERMAL CYCLER, HEATER BLOCK, POWER SUPPLY, VORTEX, MINI CENTRIFUGAL (SPIN DOWN) DEVICES.**

**DEPARTMENT: VETERINARY SURGERY**

**NUMBER OF LABORATORIES: 3**

**CAPACITY: DENTAL AND ORAL EXAMINATION UNIT-5, DENTAL X-RAY UNIT-5, ORTHOPEDIC EXAMINATION**

**UNIT-10, EYE AND EAR EXAMINATION UNIT-15, NEUROLOGICAL EXAMINATION UNIT-10, PHYSICAL THERAPY UNIT-25, RADIOLOGY UNIT-10, SOFT TISSUE OPERATIONS ROOM-40, ORTHOPEDICS OPERATIONS ROOM-40, SEPTIC OPERATIONS ROOM-20, SURGICAL KEY PEAK TRIAGE-30, SURGERY**

**DEPARTMENT: PHARMACY/PHARMACEUTICAL BOTANY**

**NUMBER OF LABORATORIES: 2 (Since THEY DO NOT HAVE THEIR OWN BUILDINGS)**

**CAPACITY: FACULTY OF SCIENCE AND ILTEK LABORATORIES ARE USED.**

**DEPARTMENT: MEDICAL LABORATORY**

**NUMBER OF LABORATORIES: 2 (BIOCHEMISTRY, MICROBIOLOGY)**

**CAPACITY: ELISA READER-1, ROTARY EVAPORATOR-1, REFRIGERATOR-1, UV-CABIN-1, FUME COOKER-1, SPECTROPHOTOMETER-1, MELT POINT DEVICE-1, MAGNETIC MIXER WITH HEATER-1, MICROWAVE OVEN-1, VACUUM DEVICE-1, ULTRASONIC BATH-1, PLT METER-1, AUTOCHLOVE-2, ETUV-2, STERILIZER-2, SHAKING Oven-1, LAMINAR FLOW-1, THERMAL CYCLER-2, HORIZONTAL ELECTROPHORESIS-2, VERTICAL ELECTROPHORESIS-1, SONICATOR-1, REFRIGERATED CENTRIFUGE-1, TRANSILUMINATOR-1, REFRIGERATOR-1, DEEP FREEZER-1, PLT METER-1, BAIN MARIE-1, COMPUTER-1, PRINTER-1 PIECE.**

**DEPARTMENT: MEDICAL BIOCHEMISTRY**

**NUMBER OF LABORATORIES: 3 (RESEARCH, CELL CULTURE, CLINICAL BIOCHEMISTRY)**

**CAPACITY: FLAME ATOMIC ABSORPTION SPECTROMETER, GRAPHITE FURNACE  
ATOMIC**

**ABSORPTION SPECTROMETER, UV-VIS SPECTROPHOTOMETER, HIGH PERFORMANCE  
LIQUID CHROMATOGRAPHY, LC-MS/MS, RT-PCR, ULTRASONIC HOMOGENIZER,  
MICROPLATE READER,**

**ELISA WASHER, ELISA READER, OVEN, INCUBATOR, TUBE, EPPENDORF TUBE**

**CENTIFUGES, PRECISION SCALE, MAGNETIC MIXER, VORTEX, -80 °C DEEP FREEZER, -40 °C  
DEEP**

**FREEZER, SHAKER, ICE MAKER, DISTILLED WATER PRODUCTION DEVICE, DRY BLOCK  
HEATER, WATER BATH, PH METER, CELL CULTURE STUDY LABORATORY, 26-GC/MS**

**DEPARTMENT: RECREATION**

**NUMBER OF LABORATORIES: 3 (BIOMECHANICS AND KINANTHROPOMETRY LABORATORY,  
BIOCHEMISTRY, PERFORMANCE)**

**CAPACITY: 30 PEOPLE**

**DEPARTMENT: PROSTHETIC DENTAL TREATMENT**

**NUMBER OF LABORATORIES: 2 (PRECLINIC, PHANTOM)**

**CAPACITY: PRECLINIC LABORATORIES FOR 150 PEOPLE, PHANTOM LABORATORIES FOR 75  
PEOPLE.**

**DEPARTMENT: FIRST AND EMERGENCY AID**

**NUMBER OF LABORATORIES - CAPACITY:**

**GENERAL MEDICAL EQUIPMENT**

**Evaluated jointly for level I, II and III emergency services**

1. Suitable for emergency room area

- Examination tables
- Stretchers (types that can be placed in various positions and carry IV poles and portable oxygen tanks),
- • Wheelchair (enough),

2. Medical devices and equipment

- Manual or wall-mounted blood pressure monitors and stethoscope,
- Pulse pulse oximeter,
- Thermometer,
- Portable or fixed oxygen,
- Glucometer,
- Portable or wall-mounted otoscopes and ophthalmoscopes,
- Nebulizer,
- ECG device,
  - Negatoscope and yellow light source,

3. Medical and surgical materials for interventional procedures

- Vascular access materials and sets,
- Nasogastric and Foley tubes of different sizes,
- Gastric lavage devices and large lumen tubes,
- Adult and pediatric chamber respiratory masks,
- Suture and minor surgical intervention sets,
- Materials required for epistaxis,
- Ear irrigation set,
  - Materials and sets required for making plaster and splints,

4. Imaging devices

- X-ray machine (in an easily accessible place from the emergency department)

5. Other hardware elements

- Refrigerator for storing perishable medicines and materials,
  - Height and weight measuring instruments,

**II. Evaluated for Level**

8. Medical devices and equipment

- Infusion pumps or adjusted drug infusion sets,
- Blood and fluid warming device, intraosseous needles (child and adult sizes),
  - Lumbar puncture set and supplies for adults and children,

9. Imaging devices

- X-ray device and equipment in the emergency department,
- Ultrasonography (It is sufficient if it is in the hospital and accessible)
- Vascular Doppler (It is sufficient if it is in the hospital and accessible)
  - Computed Tomography (it is sufficient to have it in the hospital)

10. Other hardware elements

- Heating blankets.

<b>I and II. In addition to Level III. Evaluated for Level</b>
<p>11. Medical devices and equipment</p> <ul style="list-style-type: none"> <li>• Physiological Monitor,</li> <li>• Tonometer (mandatory in hospitals with ophthalmology) <ul style="list-style-type: none"> <li>• Biomicroscope, slitlamp, light microscope are mandatory in hospitals with 8 eye branches)</li> </ul> </li> </ul>
<p>12. Medical and surgical materials for interventional procedures</p> <ul style="list-style-type: none"> <li>• Intraosseous needles (child and adult sizes)</li> </ul>
<p>13. Imaging devices</p> <ul style="list-style-type: none"> <li>• Mobile x-ray device (in the emergency room) <ul style="list-style-type: none"> <li>• Ultrasound with vascular doppler and echocardiography features,</li> </ul> </li> </ul>
<b>MEDICAL EQUIPMENT REQUIRED FOR THE RESUSITATION ROOM</b>
<b>I, II and III. Jointly Evaluated for Level.</b>
<p>2. Airline supplies</p> <ul style="list-style-type: none"> <li>• 2.5-8.5 mm inner diameter, cuffed and uncuffed endotracheal tubes,</li> <li>• Laryngoscope sets,</li> <li>• Combitube,</li> <li>• Oral and nasal airways,</li> <li>• Aspiration system,</li> <li>• Ball Valve Mask (Ambu) - adult, pediatric and infant sizes, <ul style="list-style-type: none"> <li>• LMA or EOA</li> </ul> </li> </ul>
<p>3. Respiratory materials</p> <ul style="list-style-type: none"> <li>• Nasal cannula, face mask and portable oxygen tubes required for oxygen therapy,</li> <li>• Pulse oximeter,</li> <li>• Closed chest drainage set</li> <li>• Chest tube materials and instruments, <ul style="list-style-type: none"> <li>• Transport Ventilator (may be disposable),</li> </ul> </li> </ul>
<p>4. Circulation related materials</p> <ul style="list-style-type: none"> <li>• Defibrillator (Can be manual or automatic),</li> <li>• Monitor,</li> <li>• Noninvasive automatic blood pressure monitors,</li> <li>• Manual blood pressure monitor (with child cuff),</li> <li>• IV catheters, sets, tubes,</li> <li>• 12-lead ECG device, <ul style="list-style-type: none"> <li>• Cardiac massage board (not required if a hard surface stretcher is used),</li> </ul> </li> </ul>
<p>5. For Trauma and Other Resuscitation Attempts</p> <ul style="list-style-type: none"> <li>• Cervical collars - in adult and child sizes,</li> <li>• Short-long trauma board, <ul style="list-style-type: none"> <li>• Various types of urinary catheters, bladders and nasogastric tubes,</li> </ul> </li> </ul>

**MEDICAL EQUIPMENT REQUIRED FOR THE RESUSITATION ROOM**

**Evaluated for Level II**

1. Airline supplies

- Tracheostomy set and materials,
- Cricothyrotomy set and materials,

2. Respiratory materials

- Emergency thoracotomy set and instruments,
- Endothelial CO2 monitor

3. Circulation related materials

- Monitor/defibrillator with pediatric paddles,
- Temporary external pacemakers,
- Blood/fluid pumps,
- Central venous (CV) catheters and the materials required for insertion,
- Monitor required for central venous pressure (CVP) measurement,
- Cut down set and materials,
- Pericardiocentesis set and materials,

4. For Trauma and Other Resuscitation Attempts

- Peritoneal lavage set and materials,

5. Other hardware elements

- Radiant warmers for neonatal resuscitation

**I. and II. In addition to Level III. Evaluated for Level**

1. Airline supplies

- Fiberoptic laryngoscope,

2. Respiratory materials

- Peak flow meter,
- BIPAP/CPAP ventilation system,

3. Circulation related materials

- Pediatric and internal paddles, monitor/defibrillator with appropriate external pacemaker feature,
- Transvenous and/or transthoracic pacemaker device,

4. For Trauma and Other Resuscitation Attempts

- Gastric lavage materials, including large lumen tubes (orogastric and nasogastric),
- Hypothermia thermometers,

5. Other hardware elements

- Blankets that warm and cool the patient,