

CADAVIZ™
More than a Dissection Table.....

New Updates

V1.2.1



Ready to Load

What's New?

- **Organs and Parts**

- Model: Tongue
- Simulation: Kidney

- **Dissection**

5 new interactive simulations

- Joints
 1. Ankle
 2. Hip
- Block Dissection
 1. Anterior Thoracic Wall
 2. Dorsum of Foot
 3. Suboccipital

- **Osteology**

- Simulations with original insertions for Muscle Movements – Pectoralis Major, Pectoralis Minor, Serratus Anterior, Subclavius muscle, Pectoralis Trapezius-muscle
- Two new structures: Fetal Skull and Foramen & Sutures

- **1 new procedure**

- Lumbar Puncture

- **Neuroanatomy**

Various new simulations

- Introduction
- Basal Ganglia
- Cerebellum
- Meninges
- Pineal Gland
- Dural Venous Sinuses
- Arterial Supply Of Cns

- **Histology**

9 new slides have been added

Sr. No.	Name of the Slide
1	Venule
2	Bone Marrow
3	Articular Cartilage

4	Muroid Cartilage
5	Seminiferous Epithelium
6	Peripheral Blood Smear
7	Palatine Tonsil
8	Lens of Eye
9	Bronchus

- **Histopathology**

8 new slides have been added

Sr. No.	Name of the Slide
1	Dysgerminoma of Ovary
2	Bronchopneumonia
3	Chronic Glomerulonephritis
4	Granulomatous Hepatitis
5	Acute Cholecystitis
6	Chondrosarcoma
7	Pleomorphic Rhabdomyosarcoma
8	Hepatitis A

- **Haematology**

8 new slides have been added

Sr. No.	Name of the Slide
1	Normal Peripheral Smear
2	Megaloblastic Anemia
3	Sickle Cell Anemia
4	Iron Deficiency Anemia
5	Multiple Myeloma
6	Acute Lymphoid Leukemia
7	Chronic Myeloid Leukemia

8	Chronic Lymphoid Leukemia
---	---------------------------

- **Embryology**

- 2 new simulations in General Embryology:
 - 3rd month to birth: Gestation with twins
 - Nomenclature: Trimester
- 10 new cases of Congenital Diseases included in systemic embryology.

S. No.	Name of the CD	Organ System
1	Craniorachischisis	Nervous system
2	Anencephaly	Nervous system
3	Hypospadias	Urogenital System
4	Esophageal agenesis	Digestive/Gastro-Intestinal System
5	Hypoplastic Heart Syndrome (Left)	Cardiovascular System
6	Spina bifida	The Axial skeleton
7	Clubfoot	The Appendicular Skeleton (Limbs)
8	Amniotic Band Syndrome	The Appendicular Skeleton (Limbs)
9	Cleft lip	Head and Neck
10	Congenital melanoma	Integumentary System

- **Physiology**

- 9 new subtopics have been added in Renal Physiology
 - Subtopic 1: The Concept of ECF Osmolarity
 - Subtopic 2: Relationship between ECF Osmolarity and Sodium Ion Concentration
 - Subtopic 3: The Osmoreceptor-ADH Feedback Mechanism
 - Subtopic 6: The Salt Appetite Mechanism
 - Subtopic 7: Conservation of water by kidneys
 - Subtopic 8: Obligatory urine volume
 - Subtopic 9: Role of ADH in Maintaining Plasma Osmolarity
 - Subtopic 10: Syndrome of inappropriate ADH secretion
 - Subtopic 11: Diabetes Insipidus

- 7 new subtopics have been added in Neurophysiology
 - Subtopic 23: Summation
 - Subtopic 25: Mechanism of Facilitation
 - Subtopic 26: Subliminal Fringe
 - Subtopic 27: Occlusion
 - Subtopic 28: Synaptic Susceptibility
 - Subtopic 30: Synaptic Potentiation
 - Subtopic 31: Long-Term Potentiation

- **Ayurveda**
 - 7 new simulations have been added in Twak Sharir
 - Avabhasini
 - Lohita
 - Sweta
 - Tamra
 - Vedini
 - Rohini
 - Mamsadhara

- **Radiology**

40 new slides have been added in Applied Radiology

5 new radiological procedures have been added

Applied Radiology	Region	Modality	Diagnosis
1	Abdomen & Pelvis	CT	Abdominal Compartment Syndrome
2	Abdomen & Pelvis	CT	Renal Cell Carcinoma
3	Thorax	X-ray	Cancer of the Gastro-esophageal Junction
4	Abdomen & Pelvis	CT	Carcinoma of the Bladder
5	Upper / Lower Limb	X-ray	Tumoral Calcinosis
6	Head & Neck	CT	Malignant Melanoma
7	Thorax	X-ray	Malignant Germ Cell Tumor (mixed)
8	Thorax	X-ray /CT	Malignant Mesothelioma
9	Head & Neck	CT	Basilar Skull Fracture
10	Lower Limb	MRI	ACL Ganglion
11	Abdomen & Pelvis	CT	Acute Mesenteric Ischemia
12	Head & Neck	CT/MRI	Adenoid Cystic Carcinoma
13	Abdomen & Pelvis	X-ray	Bezoar
14	Lower Limb	X-Ray/CT	Bipartite Patella
15	Artifacts		
16		CT	Beam Hardening Artifact
17		CT	Aliasing Artifact
18		CT	Windmill Artifact
19		CT	Air Bubble Artifact
20	Lower Limb	X-ray	Chronic Venous Insufficiency
21	Lower Limb	X-ray	Calcified Ossifying Hematoma

Spinal cord injury
Urinary incontinence
Urethral stricture
Carpal tunnel syndrome
Prostate carcinoma
Teratoma
Obstruction of fallopian tubes
Ectopic pregnancy
Uterine prolapse
Klumpke's palsy
Humerus fracture
Radius fracture
Ruptured spleen
Ankyloglossia
Papilledema
Cyanosis of lips
Intestinal neoplasms
Liver cancer
Pancreatic cancer
Cystocele
Rectocele
Complete elbow dislocation

- **DICOM**

Various new features in DICOM

1. Options to anonymize patient data to maintain privacy and ethical concerns.
2. HU value tools in radiology enhance imaging analysis by quantifying tissue densities for accurate diagnostics.
3. Pointer contrast tools enable users to manipulate contrast levels of the images manually.
4. Invert options in X-rays help learners focus on particular areas of interest, highlighting abnormalities that might not be as visible in a standard orientation.

CADAVIZ™

More than a Dissection Table.....

We Value Your Trust in Us!

Team Cadaviz is dedicated to being with you throughout your learning journey, providing full support and dedicated service to ensure an exceptional, seamless learning experience. Your success and satisfaction are at the heart of everything we do.



303-306 (3rd floor), Xion Mall
(Next to Taj Vivanta), Hinjewadi – Wakad Road,
Hinjewadi, Pune, 411057

🌐 www.immersivelabz.com
✉ contact@immersivelabz.com
☎ (+91) - 91567 63400