



Tabriz University of  
Medical Sciences



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**KalbodNama  
TABLE**

## **What is the KalbodNama?**

The KalbodNama is the most technologically advanced educational system using real human anatomy.

Smart virtual dissection table (KalbodNama) is the most technically advanced educational system for medical students providing a touch screen which allows students to learn the human anatomy with real human body. It can be a valuable alternative for cadaver-based studies.



## **Why use the KalbodNama?**

- 1. Unlike cadavers which are disposable, the Kalbodnama is reusable, so there are no recurring acquisition costs, the product will save significant money.**
- 2. Unlike high preservation costs of cadavers such as freezer requirement, storage and formalin treatment, the KalbodNama has no maintenance costs.**
- 3. The cadavers are so scarce and costly.**
- 4. Toxic and chemical treated cadavers have significant effects on human health and environment.**

**5. The KalbodNama allows for the viewing of all detailed that are difficult to observe in cadavers.**

**6. The KalbodNama has no cadaver odour.**

**7. The KalbodNama gives full 3D anatomy then can be fully controlled. Users can rotate the virtual body and cut any part in any directions.**

**8. Since the data preserves the real life color and shape, the KalbodNama is more effective than embalmed cadavers.**

**9. The KalbodNama has full classification for categories and subcategories.**

**10. The KalbodNama offers the ability of removing categories and subcategories.**

**11. The KalbodNama offers the ability of transparenting categories and subcategories.**

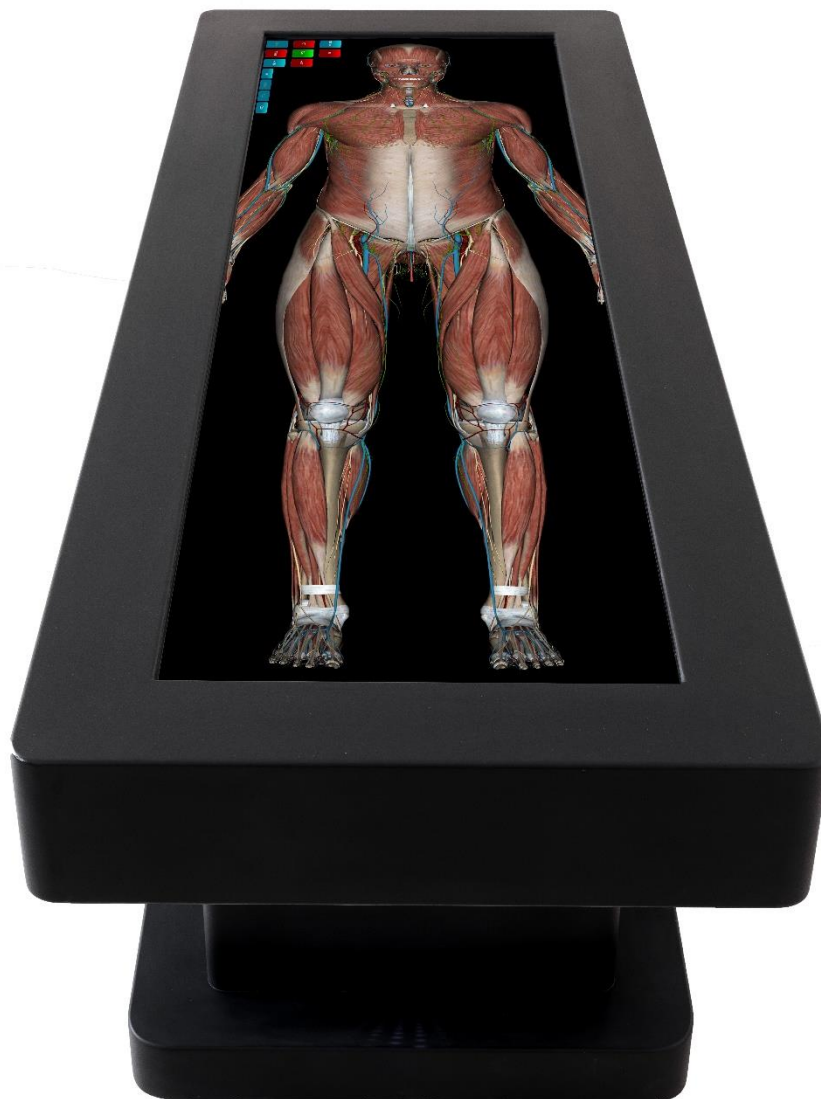


## Features

The table has 4 distinct educational modes:

### 1. Graphical Anatomy

- 1-1. Ability to study whole body with precision and detail, in a 3D environment
- 1-2. The KalbodNama offers the ability of removing categories and subcategories.
- 1-3. The KalbodNama offers the ability of transparenting categories and subcategories.
- 1-4. ability to display the name of every single parts of body
- 1-5. ability to scribble on touch screen display
- 1-6. ability to take examinations from students



## **2. Graphical Volume Anatomy**

**2-1. The KalbodNama gives full 3D anatomy then can be fully controlled. Users can rotate the virtual body and cut any part in any directions.**

**2-2. ability to study whole body in detail with real color using a real virtualized body**

**2-3. ability to scribble on touch screen display**



### **3. DICOM**

**3-1. ability to display all DICOMs (MRI, CT scan) in 3D volumes**

**3-2. ability to distinguish body parts according to their hardness**

**3-3. ability to load DICOM parts by the users**

**3-4. ability to scribble on touch screen display**

### **4. Fetus Graphical Anatomy**

**4-1. Ability to study whole body with precision and detail, in a 3D environment**

**4-2. Includes series of models ranging from 5 day fetus to 60 day fetus**

**4-3. The KalbodNama offers the ability of transparenting categories and subcategories.**

**4-4. ability to scribble on touch screen display**

**4.5. offers the ability of removing categories and subcategories.**



## Device Features

1. Ability to add numerous educational files
2. Ease of use
3. Ability to connect to video projector
4. High resolution touch screen
5. High sensitivity touch screen
6. Ability to online update and debug
7. ability to display all DICOMs (MRI, CT scan) in 3D volumes
8. Ability to add extra optional displays for individual uses.





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## **TABLE**



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