

## ***Lumbar region mold for the practice of lumbar puncture and loco-regional spinal anesthesia***

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### **PRESENTATION**



- The invention relates to a method of learning and practicing two common practical maneuvers in the hospital environment, especially in the field of anesthesia and intensive care.
- Through this invention, lumbar puncture and spinal anesthesia can be practiced.
- The mold consists of a skeleton of 5 lumbar vertebrae made of polylactic acid that mimics the anatomy of the lumbar region, and other elements that simulate the anatomical layers of this region.
- This structure offers the practitioner the possibility of recognizing the intervertebral spaces, choosing the puncture site and performing the maneuver both by the classical method with the normal lumbar puncture needle and the pencil point needle.

### **ADVANTAGES**

- The main advantages of this invention are the decrease in the rate of complications caused by the execution method, offering the possibility to doctors without experience of effective practice both in terms of quantity and quality of lumbar puncture and spinal anesthesia, short molding time and low cost.



### **PROBLEM SOLVED**



- The technical problem solved by the invention consists in reducing the training time of the resident doctors with specialization in anesthesia and intensive care in case of performing local-regional anesthesia.

