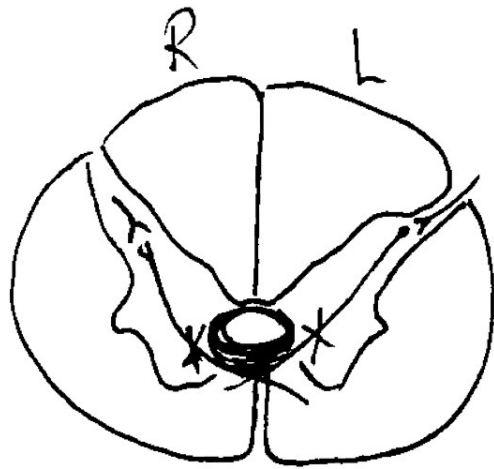
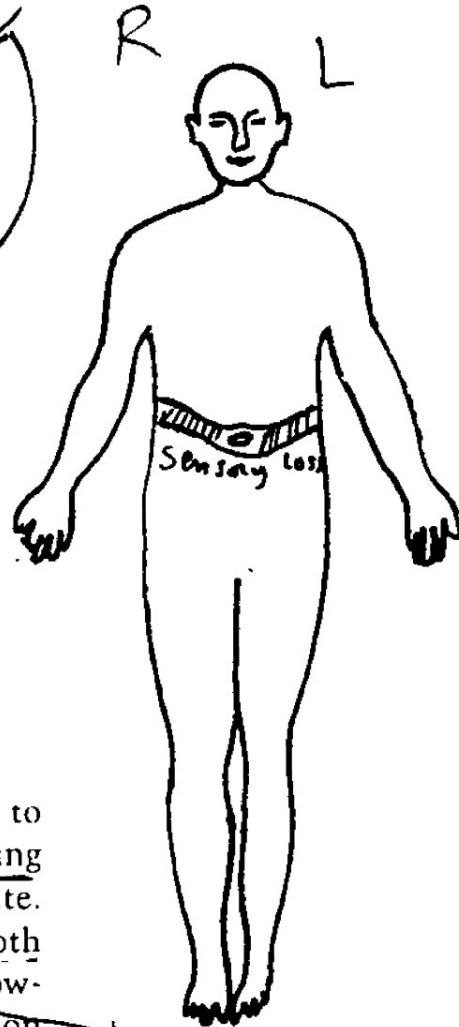


Syringomyelia



T₈



1-2 segments
below affected
segment

Clinical example :

A female goes to the doctor because she burns her fingers while smoking or cooking without feeling pain.

Cause :

A cavity in the spinal cord (not the central canal), this cavity disrupts the crossing fibers (the spinothalamic).

It commonly occurs in the cervical region

The lesion might get bigger and affect the alpha and gamma neurones

Symptoms:

Loss of pain , temp and touch on both sides one or two segments below the affected segment (remember the lissauers tract) . if the cervical region is affected the patient losses sensation somewhere in the upper limb (especially the fingers)

3 Syringomyelia. In this condition, damage is to the central part of the cord, where the crossing fibres of pain, temperature and touch decussate. This leads to loss of these sensations on both sides of the body at the segments) However, fine touch including tactile discrimination and position sense are not affected, as they are carried in the dorsal column/lemniscal pathway. Thus, the result is (dissociated sensory loss)