Points to bear in mind: Concept, interest, organization and objective, amount of material, degree of difficulty

1. **Basic concept in dealing with spinal disorders (50 minutes of talk)**
   Origin of pain, degree of disability, neurological involvement, sepsis, malignancy, deformity

2. **History taking**
   List out the numerous differential diagnosis and talk about salient points about each condition:
   Spinal injuries, prolapsed intervertebral disc, spinal stenosis, spondylolisthesis, scoliosis, pyogenic spondylitis, TB spine, spinal tumours, secondary deposits at the spinal column, osteoporosis with vertebral collapsed fracture, rheumatoid arthritis of C1-2…

3. **Physical examination**
   Gait, tender spots, spinal motion, Straight leg raising test, ankle clonus
   Upper motor neurone lesion, lower motor neurone lesion

4. **Hands on techniques demonstration on student volunteer** and to ask students one by one to answer Dr Chan’s questions:
   Look, feel, move, measure…

5. **Introducing clinical cases to arouse interest:**
   PID, Spinal tumour, RA C1-2. Fracture D12 with paraplegia, Cervical myelopathy
   The myth of Laminectomy vs Anterior spinal fusion
   The importance of rehabilitation
   The choice of conservative treatment vs operative treatment
   The importance of clinical sense over MRI scans

6. **Question time (10 minutes)**
   Students are encouraged to ask questions or to voice their views