

Cairo University
Natinal Cancer Institute
Anaesthesiology, I.C.U.& Pain Relief Department

Date: 9/6/2008

M.D. Degree
Anaesthesiology and Pain Relief
June , 2008 (OSCE)

Pain Relief

Name: :

Seat No.:

Serial No .

Total marks

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Station I

1. Where is the source of radiation in the C-arm?
Is it 1) or 2)

1 point

2. What is the name given for the long graduated needle provided?
..... needle

1 point.....

3. Mention 2 blocks performed using this needle.

a)
b)

1 point.....

4. Which level and depth the block shown is performed?

a) Level in AP view
b) Depth in LAT view

1 point.....

5. What is the name of the block

and what are the main indications
.....
.....

1 point

6. What is the name given for a SINGLE safer newer technique for similar indications ?
.....

Why is it safer ?
.....

1 point

1 point

Total points

/7

Station II

A patient suffering from chronic back pain despite previous surgical operation.
He has undergone the following intervention to relieve his pain:

1. What does the plain X-ray show?
..... 1 point
2. What is the interventional block performed in (a)
..... 1 point
3. In which view the dye is seen in (b)-
Anteroposterior /oblique /lateral 1 point.....
& where does the dye stop ?
..... 1 point.....
4. Why are we doing an additional selective nerve root block
in (C)?
..... 1 point
5. What is the block performed in (D)?
..... 1 point
6. What is the name of this syndrome
_____ syndrome
and what is the name given for the whole interventions?
_____ 1 point

Total points

..../ 7

Station III

1. Mention the name of the structure stained in red in the lumbar vertebra provided.

1 point

2. Mention which structure travel along the inner upper part of the transverse process of the lumbar vertebra (at the site of the small white paper)

_____ of _____

2 points.....

3. Which dermatome is shaded in "blue"?

1 point

4. Where are the tips of the needle present in the shown AP & oblique view?

In the _____ of the Scotty dog.

1 point

5. Which facet is affected to perform radio-frequency at L4 & L5 level? And why ?

L - / - facet.

Because.....

2 points

Total points

...../ 7

Station IV

Patient is suffering from cervical spondylosis . His pain is shooting to his right middle fingers; An intervention was decided to relieve his radicular pain .

- 1- What is the view shown in the provided printed X-ray (1) ?
Anteroposterior/ lateral/ posteroanterior..... ½ point ...
- 2- What is the expected position of the patient ?
Supine /prone/oblique..... 1 point.....
- 3-What is the expected procedure for his radicular pain ?
..... ½ point.....
- 4-What is the needle commonly used for such procedure & its gauge?
..... 1 point....
- 5-Which level is the site of entry ?&why we choose such level ?
..... 1½ points
- 6-Why a lateral view should follow the A/P view ?
..... 1 Point...
- 7-How do you test reaching the proper space ?
..... ½ point ...
- 8- Which nerve root is targeted from history ?
..... 1 point
- 9- Is the terminal end of the catheter in the proper position in X-ray(2) ?
& why ?
..... 1 point...
- 10- What does the dye delineate ?
..... 1 Point

Total points

...../ 9

Station V

Young 25 years old patient is suffering from progressive back & leg pain .
 His pain comes on walking & shoots to the small toe of left leg.
 He also feels pain on prolonged sitting.
 On examination he has positive SLR test on the left side, tenderness in L5 spine,
 & bilateral facetar tenderness at L₄/L₅ level.

1. What does the lateral plain X-ay shows ?
 ½ point
2. What is the nerve root targeted based on his symptom ?
 ½ point
3. Which function is mostly affected in the foot?
 Dorsiflexion or plantarflexion ?
 1 point
4. Why does he have facetar joint pain ?
 1 point
5. What is the view seen in the printed paper (1) ?
 ½ point
6. Where is the tip of needle directed to in the printed paper (1) ?
 1 point
7. What is the view seen in the printed paper (2) ?
 ½ point
8. What is the view seen in the printed paper (3) ?
 ½ point
9. Which nerve is clearly delineated by the needle in the printed paper (3)?
 1 point
10. What is the middle line structure heavily stained by the dye in the
 printed paper (3)?
 ½ Point
11. What is the name given to such a block ?
 1 Point

Total points

...../ 8

Station VI

1. What is the name of this apparatus?

½ point

2. What is the maximum intensity provided?

_____ in _____

What is the name of the needle used provided ?

1 point

½ point

3. Which intensity is acceptable for good block?

less than _____

½ point

4. Is the response sensory or motor?

½ point....

5. Mention 2 blocks performed by this needle in the operating theatre and the average length required in each block?

_____ block. Average needle length less than _____ mm

_____ block. Average needle length less than _____ mm 2 points

Total points

...../ 5

Station VII

1. What is the structure in I? 1 point

2. What is the name of the cervical nerve in II? 1 point.....

3. What is the structure in III? ½ point.....

4. What is the artery in IV? ½ point.....

5. What is the artery in V? 1 point.....

6. What is the structure in VI? ½ point.....

7. What is the artery in VII? ½ point.....

8. What is the structure in VIII? 1 point.....

9. What is the structure in IX? ½ point.....

10. What is the name given to the structural process in X? ½ point.....

Total points

.../ 7