Surgical anatomy of nerve lesions in the upper limb
Leiden University Medical Center

Course description/overview
During this two-days hands-on dissection course you will learn how to expose all the major nerves of the upper limb. The relation of the median nerve to the carpal tunnel syndrome, and the ulnar nerve to the cubital tunnel syndrome and Guyon’s canal will be studied. You will gain experience in neurolysis and transposition. Furthermore, the approach of both the supraclavicular as well as the infraclavicular part of the brachial plexus will be practised and all elements will be identified. Specific nerve transfers can be practised on request. Additionally attention will be paid to the course of the main vessels.

The course consists of four half-day sessions. Each session starts with a brief theoretical introduction. The practical part of the training will start with a short cadaver surgical demonstration. Subsequently, participants will dissect themselves under the supervision of an experienced staff.

Prior to the course all participants will receive the course manual. The course will be English spoken if non-Dutch speaking participants will attend.

Target audience
This course is meant for neurosurgeons, orthopaedic surgeons, plastic surgeons, general surgeons and for those who are in training for one of these specialties.

Course fee
The total course fee is € 1,250.00.

Venue
Leiden University Medical Center (building 2, room T0-22 and the skills lab)
Einthovenweg 20
2333 ZC Leiden
The Netherlands

Registration
Participants should register online and pay their participation fee through the website: www.boerhaavenascholing.nl.
Terms and conditions can also be found on our website.

The maximum number of participants is 24.
Program

Thursday 4 October 2012

09.00  Registration and coffee

09.15  Introduction  
       *M.J.A. Malessy*

09.30  Incision and surgical anatomy of median and ulnary nerve in distal lower arm  
       *H. Coert*

10.00  Carpal tunnel syndrome: preparation of the median nerve in the carpal tunnel.  
       Guyon-entrapment: preparation of the ulnary nerve in the carpal tunnel

12.30  Lunch

13.30  Incision and surgical anatomy of cubital tunnel entrapment and transposition  
       *M.J.A. Malessy*

14.00  Volar transposition of ulnary nerve in cubital fossa trajectory

15.30  Coffee and tea

15.45  Incision and surgical anatomy of radial nerve  
       *R.G.H.H. Nelissen*

16.15  Radial neurolysis at intermuscular lateral septum and supinator muscle

Friday 5 October 2012

09.00  Incision and surgical anatomy of supraclavicular brachial plexus  
       *W.J.R. van Ouwerkerk*

09.30  Exploration of supraclavicular brachial plexus including spinal nerve C4 and  
       phrenic nerve

11.00  Incision and surgical anatomy of accessory nerve  
       *M.J.A. Malessy*

11.15  Exploration accessory nerve

12.30  Lunch
13.30  Incision and surgical anatomy of infraclavicular brachial plexus
       *W. Pondaag*

14.00  Exploration of infraclavicular brachial plexus brachialis including subclavial
       artery and vein via transpectorral approach and additional exploration of axillary
       fossa

15.45  Coffee and tea

16.15  Overview brachial plexus: removal of clavicula, exploration of continuity of
       infraclavicular en supraclavicular brachial plexus with overview of major
       vasculature

17.00  Discussion clinical aspects, pitfalls, complications - and drinks
       *M.J.A. Malessy*