

SYMPOSIUM DE L'INSTITUT DE LA MAIN 2023

NERVE
TRANSFERS
in the
upper Limb

Scientific
Committee :

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GENERAL ORGANIZATION

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Welcome C.Leclercq

1. HISTORICS

Nerve transfers: are they really new ?

2. PRINCIPLES OF NERVE TRANSFERS

State of the art: requirements for a successful transfer
End to end /VS end to side: the concept of surcharge

3. IMAGING / EMG

How much help can we expect from them ?

4. NERVE TRANSFERS IN PERIPHERAL NERVE INJURIES

VIDEO TECHNIQUES (7 mn each)

- radial to axillary nerve

Discussion: anterior or posterior approach ?

- AIN to ulnar nerve

Radial palsy - face to face: nerve transfer / VS triple tendon transfer

Median palsy : sensory transfer?

Ulnar palsy

Isletogenic lesion :

-management algorithm

-axillary nerve injury

-spinal nerve injury

5. NERVE TRANSFERS IN ADULT BRACHIAL PLEXUS PALSIES

Introduction: JN Goubier

A - Shoulder and elbow

VIDEO TECHNIQUES (7 mn each)

- Spinal to supra-scapularis
- Elbow flexion: double transfer
- Elbow extension: intercostal nerves

Face to face: Spinal to SS / VS shoulder arthrodesis

When to propose rhomboid nerve transfer ?

Elbow flexion - debate : is there an alternative to ulnar to biceps transfer ?

Elbow extension: is it necessary?

Should we stop using

-the phrenic nerve ?

-CC7 transfer ?

B - Wrist and hand

The C8-D1 hand: lecture

6. NERVE TRANSFERS IN OBP

Introduction A.Gilbert

VIDEO TECHNIQUES (7 mn each) (TBC)

Is it logical to advocate nerve transfers if there is no root avulsions ?

Nerve transfers for shoulder abduction: are they efficient ?

What is the best moment to perform nerve transfers for shoulder external rotation?

Nerve transfers for elbow flexion: are they as powerful as nerve grafts ?

Is there a place for medial pectoral nerve transfer for recovery of elbow flexion ?

Nerve transfer for elbow extension: can we use intercostal nerves in children ?

Distal nerve transfers: when to use them ?

Nerve transfers for wrist and finger extension: are they better than tendon transfers ?

Nerve transfers for finger flexion: for which patients ?

Nerve transfers for sensory recovery: are they useful ?

Until when is it possible to propose nerve transfers in delayed obstetrical palsy ?

7. NERVE TRANSFERS IN TETRAPLEGIA

Introduction C.Leclercq

VIDEO TECHNIQUES (7 mn each)

- **SPIN**
- **Nerve transfers to triceps: Teres Minor to triceps**
- **ECRB to AIN**

Which nerve transfer for the triceps ?

Is it safe to use the ECRL nerve ?

The SPIN: a winner

Face to face : tendon / VS nerve transfers

Building a strategy for the complete AIS A patient

Nerve Transfers in Acute Flaccid Myelitis

8. NERVE TRANSFERS IN SPASTICITY

Introduction: C. LECLERCQ

VIDEO TECHNIQUES (7 mn each)

- **Anatomic feasibility of BR to ECR**
 - **The dPT: a versatile donor**
- **Anatomic feasibility of nerve transfers in the spastic forearm**

CC7 transfer for the spastic patient

Early results of nerve transfers

9. MISCELLANEOUS

Nerve transfers for painful neuromas

Lower limb : what indications ?

The future