

# PALLIATIVE SURGERY AFTER OBSTETRICAL PARALYSIS

BARCELONA • 4th-5th NOVEMBER 2022



## CURRENT PROGRAMME • DAY 1: SHOULDER • 4th November

**08.30h**

### THE PHYSIOPATHOLOGY OF SHOULDER DEFECTS

The biology of contractures: opportunities for a cure

**R. CORNWALL (USA)**

Analysis of shoulder contractures in Obpp

**I. GHARBAOUI (USA)**

What motion capture has taught us about the shoulder

**D. ZLOTOW (USA)**

Obpp shoulder pathophysiology explained by movement and force analysis

**J. BAHM (Germany)**

The effect of glenohumeral dysplasia on shoulder kinematics

**D. ZLOTOW (USA)**

Less is more: Functional surgery about the shoulder and glenohumeral deformity

**R. NELISSEN (Netherlands)**

Shoulder biomechanics & glenohumeral dysplasia: scheduling external rotation surgery over time. Importance of balance with internal rotation

**A. NASCIMENTO (Portugal)**

Clinical surveillance of infantile shoulder subluxation & its ultrasound correlation

**M. SHAH (India)**

**09.10h-09.45h**

Discussion

**09.45h**

### SHOULDER EXTERNAL ROTATION DEFECT RELEASE

Dividing the shoulder from the elbow in C5-C6 injury: early nerve+secondary surgery of the shoulder can prevent internal rotation contracture?

**S. FERRARESI – E. BASSO (Italy)**

External Rotation contracture in OBPI, biomechanical bases and clinical implications

**M. SHAH (India)**

Arthroscopic release (videos) arthroscopic release and/or tendon transfer for OBP sequelae around shoulder.

**C. ATALAR (Turkey)**

Arthroscopic release for internal rotation contracture

**A. BAUER (USA)**

Minimally Invasive Subscapularis Release: Technique and intermediate term results.

**M. SHAH (India)**

Our stepwise technique in anterior release

**J. BAHM (Germany)**

Technique of anterior shoulder release

**M. THATTE (India)**

One stage anterior release and SA to SS nerve transfer

**P. VALENTI (France)**

Failures after treatment for lack of external rotation

**S. BENAMIROUCHE - F. BESSAA (Algeria)**

Results of derotation osteotomy in adults and children

**R. KAMRANI (Iran)**

**10.45h-11.30h**

Discussion

**11.30h**

### RECOVERING EXTERNAL ROTATION

Sp Acc vs C5 graft for SS nerve (10 years)

**F. FITOUSSI (France)**

Early secondary NT for external rotation

**R. FERREIRA (Brazil)**

Late nerve transfer of XI to SSC by a dorsal approach

**J. BAHM (Germany)**

Late Spinal Accessory nerve transfer for the shoulder

**J. CASANAS (Spain)**

Long-term results of nerve transfer for shoulder external rotation

**R. WATERS (USA)**

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Latissimus dorsi for external rotation:

How to optimize the transfer

**A. LOVIC (Spain)**

Why do the results of LD transfers decline with time?

**A. PAGNOTTA (Italy) A.GILBERT (Spain)**

Lower trapezius for Ext Rot

**B. ELHASSAN (USA)**

Lower trapezius tendon transfer to restore external rotation

**B. LOEFFLER (USA)**

Shoulder External rotation comparison between Latissimus and Lower Trapezius after 10 years of follow up

**E. CONCHA (Chile)**

Coracoidectomy as an adjunct to shoulder release

**D. ZLOTOW (USA)**

Teres major tendon transfer to SS tendon and coracohumeral ligament release

**A. GARCIA LOPEZ (Spain)**

Levator Scapulae Tendon transfer

**P. RAIMONDI (Italy)**

Scapular Tilt, Gleno-Humeral Dysplasia, Posterior subluxation: deforming forces, and why transfers nor grafts restore external rotation

**J.BORRERO (USA)**

**12.40h-13.45h**

Discussion

**13.45h-14.30h**

Lunch

**14.30h**

### INTERNAL ROTATION DEFECT

Dealing with loss of midline function

**D. ZLOTOW (USA)**

Posterior release

**I. GHARBAOUI (USA)**

Posterior shoulder capsular release with Anterior latissimus (with or without teres major) transfer for internal rotation

**B. ELHASSAN (USA)**

Transfers for Internal Rotation

**A. GILBERT (Spain)**

**14.50h-15.30h**

Discussion

**15.30h**

### ABDUCTION DEFECTS

Osteotomy for correction of Shoulder flexion/abduction contractures

**A. PRICE (USA)**

Results of Pectoralis Major Transposition for shoulder abduction

**M. SHAH (India)**

Osteotomy for shoulder flexion abduction contractures

**A. PRICE (USA)**

**15.50h**

### SCAPULOTHORACIC ANOMALIES

Winging Scapula

**R. WATERS (USA)**

Scapular winging

**B. ELHASSAN (USA)**

**16.30h**

### SHOULDER SUBLUXATION AND DISLOCATION

Age influence upon glenohumeral remodeling following shoulder axial rebalancing surgery in brachial plexus birth injury

**F. FITOUSSI (France)**

Reduction of posterior dislocation with bone graft

**B. ELHASSAN (USA)**

Humeral head luxation : relocation and glenoplasty

**A.AMRANI (Morocco)**

Does glenoid osteotomy stiffen the shoulder?

**S. HOPYAN (Canada)**

**16.50h-17.30h**

Discussion

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**17.30h**

### THE OBP SHOULDER IN THE ADOLESCENT AND THE ADULT

Arthroscopic Bone Block for management  
of severe glenoid Dysplasia as sequelae  
of OBPI

**A. HACHEM (Spain)**

The OBP shoulder in the adult

**R. KAMRANI (Iran)**

The diverse impact of BPBI in adulthood:  
what outcomes matter?

**R. CORNWALL (USA)**

Adult PBO patients: Does it make any sense  
to offer surgical treatment?

**A. LOVIC (Spain)**

Reverse shoulder arthroplasty for OBPI

**B. ELHASSAN (USA)**

Technical tips for shoulder arthroplasty  
in OBP

**P. VALENTI (France)**

**17.55h-18.30h**

Discussion

**20.30h**

CONGRESS DINNER

# PALLIATIVE SURGERY AFTER OBSTETRICAL PARALYSIS

BARCELONA • 4th-5th NOVEMBER 2022



## CURRENT PROGRAMME • DAY 2: ELBOW AND FOREARM • 5th November

**08.30h**

### ELBOW SEQUELLAE

Prevention of Elbow contracture A Novel Strategy to Resolve Co-contraction of the Elbow in Patients with Late Sequelae Obstetric Brachial Plexus Palsy

**D. CHUANG (Taiwan)**

Elbow contracture in C5-C6 injury: role of spontaneous recovery, nerve repair and anterior release+coracoidectomy

**E. BASSO - S. FERRARESI (Italy)**

Serial casting for elbow contractures

**J. ABARCA (Spain)**

Release of elbow flexion contracture with brachialis to biceps transfer

**B. ELHASSAN (USA)**

Surgical release for Elbow contractures

**A. GILBERT (Spain)**

Anterior release of elbow flexion contractures in children with OBPP

**A. GARCIA LOPEZ (Spain)**

Surgical release of elbow flexion contracture treated by olecranon tip resection and anterior soft tissue release

**F. SENES (Italy)**

Long-term results of posterior bone release and anterior arthrolysis in the elbow flexion contracture. Indications

**R. WATERS (USA)**

Modified Outerbridge-Kashiwagi Procedure for Elbow Flexion Contractures

**A. PRICE (USA)**

**09.15h-10.00h**

Discussion

**10.00h**

### PARALYSIS OF ELBOW EXTENSION

Botox injection: can they be responsible for permanent paralysis

**A. LOVIC (Spain)**

Recovery of the Triceps through nerve transfers

**F. SENES (Italy)**

Lower trapezius for triceps for extension

**B. ELHASSAN (USA)**

Contra lateral Lower Trapezius for triceps

**B. ELHASSAN (USA)**

### PARALYSIS OF ELBOW FLEXION

The late nerve transfers

**P. RAIMONDI (Italy)**

Flexion defect, pedicled pectoralis for late OBPI

**B. ELHASSAN (USA)**

Results of Steindler Flexorplasty

**C. POSSO (Colombia), A. GILBERT (Spain)**

Role of the Steindler flexorplasty for elbow flexion

**B. LOEFFLER (USA)**

Elbow flexion weak and not useful after upper plexus repair with grafts, or, when a new patient is seen late, with no surgery: what to do?

**J. BORRERO (USA)**

**10.50h-11.45h**

Discussion

**11.45h**

### FOREARM

Radial osteotomy vs. Biceps rerouting:

How to make the right choice?

**A. LOVIC (Spain)**

Bone procedures for forearm supination contracture

**E. CONCHA (Chile)**

The use of 3D systems in planning osteotomies in OBPP sequelae at forearm and wrist level

**B. BATTISTON (Italy)**

Results and indications of surgery for supination contracture

**A. GILBERT (Spain)**

Outcomes of isolated biceps rerouting without concomitant forearm osteotomy

**C. MANSKE (USA)**

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## DAY 2: ELBOW AND FOREARM • 5th November

The one-bone forearm

**D. ZLOTOW (USA)**

**12.20h-12.40h**

Discussion

**12.40h**

Brachioradialis re-routing, 18 Years of Experience

**T. OZKAN (Turkey)**

Clinical, Functional & Psychosocial Outcomes Following Pronating Osteotomy

**N. HAMDY (Saudi Arabia)**

Dislocation of the radial head Radial Head Displacement: radial osteotomy vs. radioulnar insertion switch

**A. LOVIC (Spain)**

Dislocation of the radial head: our surgical technique of reposition and 3D radial osteotomy and long term results

**J. BAHM (Germany)**

Radial head dislocation in OBPI: genesis and management

**A. AMRANI (Morocco)**

**13.10h-14.00h**

Discussion

**14.00h-14.45h**

Lunch

**14.45h**

### WRIST AND HAND

Dorsal contractures of the wrist; radiologic analysis of ulnar wrist deviation

**J. BAHM (Germany)**

ECU to ECRL transfer to correct wrist ulnar deviation in obstetrical palsy

**A. AYDIN (Turkey)**

Treatment for Ulnar Wrist Deviation

**A. GILBERT (Spain)**

Restoration of Pronation and Radial Deviation in OBPP Patients with the Switch Technique

**T. OZKAN (Turkey)**

Posterior Scaglietti release for dorsal contractures

**A. GILBERT (Spain)**

Late nerve transfers for wrist extension

**J. CASAÑAS (Spain)**

Restoring wrist extension in OBPP by transferring the flexor to the extensor

**H. KAWABATA (Japan)**

The dilemma in choosing a good donor muscle

**J. BAHM (Germany)**

The FDS tendon transfer for wrist extension

**D. ZLOTOW (USA)**

FFMT in Children: Technical pearls and lessons learned from the Philadelphia Shriner's Hospital Experience

**S. LEVIN (USA)**

Preferred tendon transfers for wrist extension

**Z. DAILANA (Greece)**

Brachioradialis transfers for extension defects

**A. BAUER (USA)**

The transfers for wrist and hand extension in OBP are not so good!

**A. GILBERT (Spain)**

**15.55h-16.35h**

Discussion

**16.35h**

Tendon transfers for finger flexion

**J. CLIFTON (Mexico)**

Transfers for fingers flexion

**J. CASAÑAS (Spain)**

The claw hand: surgical correction

**G. LODA (Argentina)**

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## DAY 2: ELBOW AND FOREARM • 5th November

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Secondary reconstruction of sensation  
Sensory nerve transfers for OBP  
**J. CLIFTON (Mexico)**

Is there anything to do for a “catastrophic”  
hand?  
**A. GILBERT (Spain)**

**17.05h-18.00h**

Discussion

**END OF THE MEETING**