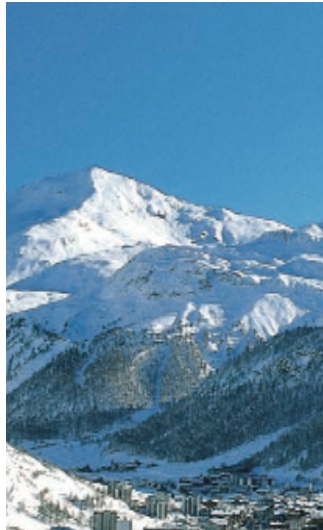




9th ADVANCED COURSE ON
Shoulder Arthroscopy

Val d'Isère – January 25th – 30th 2015

SCIENTIFIC PROGRAM



Val d'Isère



9th ADVANCED COURSE ON *Shoulder Arthroscopy*

Val d'Isère – January 25th – 30th 2015

Dear Colleagues and friends,

Once again, Val d'Isère will be, in January 2015, the center of Shoulder Arthroscopy. We are pleased to announce the venue of the 9th Advanced Course on Shoulder Arthroscopy.

Those of you who have already joined us know the friendly atmosphere and the scientific value which characterize this event. In addition to lectures and technical presentations, we will have debates, cases presentations and discussions, which will help us to clarify our ideas. As usual, the wonderful resort of Val d'Isère will allow to carry on exchanges on skiing slopes. The fame of the faculty will, once again, be impressive. Younger famous surgeons will joined the older usual tenors for challenging lectures.

Thanks to all of those, participants and faculty members, who in the past have contributed to the reputation of this course and have helped us to organize it. Everything will be done so that those who attend the Val d'Isère 2015 adventure keep unforgettable memories. Save the dates and join us to the top. Welcome to Val d'Isère.

Daniel Molé and Lionel Neyton
Course Chairmen





9th **ADVANCED COURSE ON** ***Shoulder Arthroscopy***

Val d'Isère – January 25th – 30th 2015

FACULTY

Jens **AGNESKIRCHNER** (Germany)
Pascal **BOILEAU** (France)
Emilio **CALVO** (Spain)
Alex **CASTAGNA** (Italy)
Philippe **CLAVERT** (France)
Philippe **COLLIN** (France)
Joshua **S.DINES** (U.S.A)
Len **FUNK** (U.K.)
Christian **GERBER** (Switzerland)
Peter **HABERMEYER** (Germany)
Philippe **HARDY** (France)
Jean-François **KEMPF** (France)
Alexandre **LÄDERMANN** (Switzerland)
Laurent **LAFOSSE** (France)
Dominik **MEYER** (Switzerland)
Paolo **PALADINI** (Italy)
Anthony **A ROMEO** (U.S.A.)
Felix **H SAVOIE** (U.S.A.)
Markus **SCHEIBEL** (Germany)
François **SIRVEAUX** (France)
Philippe **VALENTI** (France)
Gilles **WALCH** (France)
Jon **JP WARNER** (U.S.A.)
Mathias **ZUMSTEIN** (Switzerland)

Daniel Molé and Lionel Neyton
Course Chairmen



8.00 AM - 4.00 PM
4.00 PM
7.30 PM

COURSE REGISTRATION
WELCOME ADDRESS
WELCOME RECEPTION COCKTAIL

2.45 PM

Welcome address – *D.Molé*

3.00 PM – 5.00 PM

AROUND THE SURGERY

3.00 PM

What is new in the devices – *A. Lädermann (chairman)*

- Wireless networks, 3D – Suture passer/Anchors/knotless/transosseous (10') *A. Lädermann*
- Devices related complications (10') *J.Dines*

Debate

**Around the material ; Absorbable vs non absorbable
Chairman *A.Lädermann***

J.Dines, P.Clavert, L.Funk, P.Paladini

3.40 PM

Position for shoulder arthroscopy – *D.Meyer (chairman)*

- Lateral position / Beach chair position (8') *F.Sirveaux*
- Is beach chair position dangerous? (literature review) (8')
J.F.Kempf
- How to check brain vascularisation (8') *M.Zumstein*

Discussion 10'

4.10 PM

Day care surgery – *J.F Kempf (chairman)*

- What kind of arthroscopic shoulder procedure is suitable? (8')
E.Calvo
- How to manage postop pain (8') *P.Collin*
- Readmission after ambulatory Rotator cuff repair (8') *J.P. Warner*

Discussion 10'

5.00 PM-5.30 PM

BREAK



ROTATOR CUFF PATHOLOGY (I)

5.30^{PM} – 6.30^{PM}

ROTATOR CUFF IMAGING – *P.Habermeyer (Chairman)*

- Imaging « US/MRI/arthro-MRI/arthro-CT SCAN » (10') *P.Hardy*
- How to interpret/ How to analyze Fatty infiltration/ Teres minor/ Subscapularis tear (10') *D.Meyer*
- Minibattle : with or without contrast (MRI is enough?)
Without : (8') JP Warner – With : (8') P.Boileau
- Orthopaedic surgeon and Ultrasound, Presentation, Learning curve (10') *A.Läderman*

Discussion 10'

6.30^{PM}

LONG HEAD OF THE BICEPS – *L.Neyton (Chairman)*

- Long head biceps pathology in RCT (8') *L.Neyton*
- Biceps killer vs biceps keeper (rationale) (8') *M.Zumstein*
- LHB tenotomy vs tenodesis (8') *D.Meyer*
- LHB tenodesis in the groove « tips and tricks » (8') *M.Scheibel*
- Other techniques (sub pectoral/tenodesis to conjoint tendon Tenodesis to subscapularis) (8') *A.Romeo*

Debate

The long head of the biceps tendon

Chairman *L.Neyton*

M.Zumstein, J.F Kempf, M.Scheibel, A.Romeo

7.40^{PM}

WELCOME RECEPTION COCKTAIL



ROTATOR CUFF PATHOLOGY (II)

8.00 AM – 10.00 AM

SUPRASPINATUS SESSION – C.Gerber (*chairman*)

Isolated supra-spinatus tear « Row Symposium »

- Single row/double row : literature review (10') *P.Habermeyer*
- Why I perform single row *Relive surgery* (10') *P. Boileau*
- Why I perform double row *Relive Surgery* (10') *J.Agneskirchner*

Discussion 10'

Supraspinatus partial tears

- Traumatic tear: Is spontaneous healing possible? (8') *A.Castagna*
 - Bursal tear/intra-tendinous tear/ Articular tear - Clinical presentation, imaging (8') *JP Warner*
 - Indications for partial tears management
- "Debridement alone: indication and results" (8') *H.Habermeyer*
 « Transtendinous repair indication and results" (8') *F.Sirveaux*
 « Take down and repair: indication and results" (8') *E.Calvo*

Discussion 10'

Debate

Supraspinatus tears

Chairman C.Gerber

P.Habermeyer, P.Boileau, A.Castagna, E.Calvo

10.15 AM – 11.30 AM

SUBSCAPULARIS TEARS – L.Lafosse (*chairman*)

- How to manage superior third lesions (SSC and LHB management). *Relive surgery* (10') *A.Romeo*
- The hidden lesion arthroscopically revisited (8') *L.Neyton*
- How to manage 2/3 superior and complete lesions (SSC and LHB management)
 - Single row repair *Relive surgery* (10') *C.Gerber*
 - Double row repair *Relive surgery* (10') *F.Savoie*

- Subscapularis and Supraspinatus tears - What is the comma sign?

How to manage SSC and SS tears

For me it is (8') *J. Dines*

VS for me it is (8') *L.Neyton*

Debate

Subscapularis tears ; Intra vs Extra articular management

Chairman : L.Lafosse

C. Gerber, L. Neyton, F. Savoie, J. Agneskirchner



5.00 PM – 5.30 PM

TWO TENDONS TEARS – A.Romeo (Chairman)

- Supra and infraspinatus tear « tips and tricks » *Relive Surgery* (10') *J.P. Warner*
- How to address infraspinatus delamination? (10') *J.Agneskirschner*

Discussion 10'

5.30 PM – 7.40 PM

THREE TENDONS AND MORE - G.Walch (chairman)**Definitions**

- Massive, large, irreparable tear? Pseudoparalytic shoulder? (8') *P.Collin*

«Massive tear » «tips and tricks »

- What makes irreparable tears become repairable? Releases (Posterior slide interval, Anterior slide interval, Around the coracoids) (10') *F.Savoie*

How to manage “irreparable” tears (why I personally do that and scientific rationale)

- LHB tenotomy/tenodesis +/- acromioplasty (8') *D.Molé*
- Reverse acromioplasty (tuberoplasty)(8') *P.Habermeyer*
- Medialization of the footprint (8') *P.Hardy*
- Margin convergence (8') *A.Castagna*
- Scaffolds (8') *J.Dines*
- Balloon (8') *L.Lafosse*

What if the tear is not manageable under arthroscopic control? Alternative options

- Tendon transfer (8') *P.Valenti*
- Massive tear and reverse arthroplasty (8') *G.Walch*

Debate**Massive cuff tears****Chairman G.Walch***P.Collin, D.Molé, C.Gerber, J.Dines*

ROTATOR CUFF PATHOLOGY (III)

8.00^{AM}–8.45^{AM}

PATIENT SELECTION FOR CUFF REPAIR- M.Sheibel (*chairman*)

- Influence of pain (8') A.Castagna
- Influence of preop ROM (passive and active) (8')
P.Habermeyer
- Influence of localization of the tear (8') *P.Collin*
- Influence of Fatty infiltration (8') *C.Gerber*

Discussion 10'

8.45^{AM}–9.30^{AM}

HOW TO ENHANCE CUFF TENDONS HEALING PROCESS? (Biologics, PRP, others) ? D.Molé (*chairman*)

- Biologics, tendons, muscles : Where are we? (15')
M.Zumstein
- Minibattle :
Why I use it? (8') *J.Dines*
Makes no difference (8') *P.Boileau*

Discussion 10'

9.30^{AM}–11.00^{AM}

POSTOP, COMPLICATIONS and FAILURES- P.Habermeyer (*chairman*)

Postop care and rehabilitation

- What kind of immobilization, how long and why? (8') *P.Clavert*
- Minibattle : Why I use it? (8') *J.F. Kempf*
Makes no difference? (8') *P.Boileau*

Complications

- Infections (8') *P.Hardy*
- Stiffness (8') *A.Castagna*
- Return to work (8') *P.Collin*

Rotator cuff retears

- Rate and etiology – Clinical relevance (10') *P.Hardy*
- How to manage (10') *D.Molé*

Debate

Rotator cuff repair : complications and recurrences

Chairman : *P. Habermeyer*

P. Hardy, A. Castagna, JP Warner, D.Meyer



IMPINGEMENT AFTERNOON

4.30^{PM}–5.15^{PM}**CALCIFICATIONS** – F.Sirveaux (*chairman*)

- Complications (Postop stiffness/Remaining pain and partial persistent calcium deposit) (10') *P.Clavert*
- Infraspinatus myotendinous tear (10') *A.Läderrmann*

Debate**Is calcifying tendinitis so EASY?****Chairman F. Sirveaux***M. Zumstein, P. Valenti, P. Clavert, G. Walch*5.15^{PM}–5.45^{PM}**« BURSAL SIDE IMPINGEMENT »** - E. Calvo (*chairman*)

- Reliability of Bigliani classification (8') *P.Clavert*
- Acromial slope, critical shoulder angle, acromion index
What does biomechanically matter (8') *C. Gerber*
- Is acromioplasty useful, when and how? (8') *D. Meyer*

5.45^{PM}–7.30^{PM}**ARTICULAR SIDE IMPINGEMENT (Shoulder and sports) -****P. Hardy** (*Chairman*)

- Clinical presentation (8') *P. Hardy*
- Jobe's theory (8') *J. Dines*
- Burkhart's theory (8') *F. Savoie*
- Walch's theory (8') *A. Läderrmann*

How to address?

- Treatment options and results (10') *F. Sirveaux*

Discussion 10'

Debate**Throwing shoulder****Chairman P. Hardy***F. Savoie, L. Funk, F. Sirveaux, A. Läderrmann*

ANTERIOR INSTABILITY (I) – L. Lafosse (*Chairman*)8.00^{AM}Bankart repair tip and tricks *Relive Surgery*(10') – L. Funk8.10^{AM}**Hyperlaxity : Minibattle**

- European point of view (8') *G. Walch*
It is not possible to treat hyperlaxity?
- USA point of view (MDI) (8') *F.Savoie*
It is possible to treat hyperlaxity?

Discussion 10'

8.30^{AM}**Glenoid Bone loss**

- How to assess glenoid bone deficiency (8') *P. Habermeyer*
- Yes, we can manage bone deficiency without bone block (Bony Bankart repair) (8') *P. Paladini*
- Glenoid bone loss grafting (8') *M. Scheibel*

Discussion 10'

9.10^{AM}**Hill-Sachs lesion**

- Indication and result for «HS remplissage» (8') *F. Sirveaux*
- Why I don't like HS remplissage ? (8') *A. Lädermann*

Discussion 10'

9.40^{AM}**Patient selection**

- Why I use ISIS score ?(8') *P. Clavert*
- Why I don't use ISIS score ? (8') *C. Gerber*
- Decision making process in anterior shoulder instability (10')
P. Boileau

Debate**Risk factors of arthroscopic Bankart failure****Chairman : L. Lafosse***P. Paladini, P. Boileau, M. Zumstein, J. Agneskirchner*

ANTERIOR INSTABILITY (II)

5.00^{PM}– 7.00^{PM}

THE BIG CONTEST “ARTROSCOPIC LATARJET” –

G.Walsh (*chairman*)

“ I will start to treat anterior instability under arthroscopic control the day Latarjet procedure can be performed arthroscopically” G.Walch

- Open Latarjet procedure: History and concept (8’) L. Neyton
- Rational of the arthroscopic Procedure – Why should we push in that direction ?(8’) *J.Agneskirchner*
- How to perform the procedure? (10’) *J. Agneskirchner*
- Learning curve (10’) *E. Calvo*

Technique And Results

- Arthroscopic Latarjet procedure *Relive Surgery* + Results (10’) *L. Lafosse*
- Arthroscopic Latarjet-Bristow-Bankart procedure (Endo Butto) *Relive Surgery* + Results (10’) *P. Boileau*

Complications

- What to do? How to manage? (10’) *P. Valenti*

Discussion 10’

Conclusion Minibattle

- Why I will start (5’) *L. Funk*
- Why I will not start (5’) *D. Molé*

7.00 ^{PM} – 8.00^{PM}

ANTERIOR INSTABILITY RECURRENCE - P. Boileau (*Chairman*)

- After open surgery : How to manage (8’) *J.F. Kempf*
- After arthroscopic stabilization : How to manage (8’) *L. Lafosse*

Debate

Recurrent instability after surgery

Chairman P. Boileau

D. Molé, A. Romeo, L. Neyton, P. Collin



8^{AM}–10h30^{AM}**AC JOINT PATHOLOGY-** J.P Warner (Chairman)**Acromioclavicular arthropathy**

- Arthroscopic management : Indications, technique, results (10') A. Romeo

Acute AC joint dislocation

- Definition
Rockwood III to V (8') M. Zumstein
- Technique
CC ligaments reconstruction *Relive Surgery* (10')
M. Scheibel
- CA ligament transfer *Relive Surgery* (10') *E. Calvo*
- CC artificial ligament *Relive Surgery* (10') *L. Funk*
- Should we operate ?
Evidence base datas: results and complications (10')
M. Zumstein

Distal clavicle fractures (10') *F.Savoie***Chronic AC Joint Dislocation**

- Why and when to operate? (8') *L. Lafosse*
- *Relive Surgery* (10') *A. Romeo*
- Results of arthroscopic treatment (8') *J.Agneskirchner*

Debate**AC joint dislocations****Chairman JP Warner***M. Scheibel, P. Valenti, P. Boileau, JF Kempf*

5.00^{PM}–6.30^{PM}**POSTERIOR INSTABILITY** - C. Gerber (Chairman)

- Clinical presentation/imaging and arthroscopic findings/ indications/ for stabilization (10') *A. Lädermann*
- Posterior bone block procedures (state of the art, results, complications) (10') *D. Meyer*
- Posterior instability soft tissue procedures (state of the art, results, complications) (10') *A. Romeo*
- How I do an arthroscopic posterior bone bloc *Relive surgery* (10') *L. Lafosse*
- Posterior fixation and capsulorrhaphy *Relive surgery* (10') *L. Funk*

Debate**Soft tissue or bone block procedure, arthroscopic or open*****Chairman C. Gerber****P. Hardy, L. Lafosse, A. Romeo*6.40^{PM}–7.10^{PM}**MISCELLANEOUS 1** - P. Valenti (*chairman*)

- Snapping scapula: clinical presentation, indication for surgery (10') *P. Paladini*
- Winging scapula : clinical presentation , indication for surgery; long thoracic nerve release tip and tricks (10') *P. Clavert*

Discussion 10'



8^{AM}–8.30^{AM}**MISCELLANEOUS 2 - A. Castagna (chairman)**

- Os acromiale : resection, fixation, neglect? How to manage? (10') L. Neyton

Discussion 10'

- SS Nerve and cuff tear : neglect or release (10') J. Agneskirchner

Discussion 10'

8.30^{AM}–9.30^{AM}**« ARTHRITIS AND ARTHROSCOPY »- P. Collin (chairman)**

- Pridie perforation, Debridement, indication and results. *Relive Surgery* (10') P. Paladini

- Graft Jacket indication and result *Relive Surgery* (10') P. Collin

Debate**The place of arthroscopy in management of shoulder osteoarthritis****Chairman P. Collin***P. Habermeyer, F. Sirveaux, G. Walch, J. Agneskirchner*9.30^{AM}–10.20^{AM}**SHOULDER FRACTURES - M. Scheibel (Chairman)****Arthroscopic treatment of fractures**

- The humeral side (10') P. Paladini
- The glenoid and scapular side (10') M. Scheibel

Debate**The place of arthroscopy of shoulder fractures****Chairman M. Scheibel***A. Castagna, P. Paladini, A. Lädermann, D. Meyer*10.30^{AM}**Meeting closure – L. Neyton****ADJOURN**

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