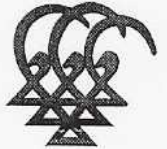


**Saraswati Foundation  
Master Course  
in  
Musculoskeletal Ultrasound,  
Sports Medicine  
and  
Paediatric Orthopaedics**

अपूर्व. कोवि. कोशोत्तर  
विद्यते एव भारती :  
सर्वदा युद्धिन् अस्मिन्  
मृतम् अस्मिन् अस्मिन् ॥



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**Vaingunim Valley Beach Resort  
GOA, INDIA  
September 27 to October 1, 2006**

**September: 27 to 29, 2006**

**Bouffard MSUS Course:**

Shoulder, Knee, Wrist, Spina Bifida  
& 3D MSUS: 8 sessions  
Hands on training: 3 sessions

**Course Director:**

Tony Bouffard, USA:

**Faculty:**

Azriel Benaroya, USA  
Ki Ho Cho, Korea  
Lubos Hrazdira, Czech Republic  
Sally Scott, UK  
Wolf Scheitza, Germany

**Paediatric Orthopaedic Course:**

**Course Director:**

John Clegg, UK

3 sessions: Paediatric Hip  
Perthes, SCFE, TB, Septic Hip, Cerebral Palsy,  
Polio

**Workshop on " Fixclips"**

2 sessions: Clubfoot  
Including, Ponseti and Bensahel methods  
1 session: Other Paediatric Foot problems

**September 29 to Oct 1, 2006**

**Graf Course:**

Refresher course: 1 session  
Neonatal DDH: 7 sessions  
Hands on training: 3 sessions

**Course Director:**

Prof. Reinhard Graf, Austria:

**Faculty:**

Azriel Benaroya, USA  
John Clegg, UK  
Kurt Lercher, Austria  
Sally Scott, UK  
Wolf Scheitza, Germany

**Arthroscopy and Sports Medicine**

**Course Director:**

Anant Joshi, India

3 sessions: Shoulder arthroscopy  
2 sessions: Knee  
1 session: Other joints  
1 session: Live surgery

# GOA MSUS COURSE & WORKSHOP

SEPTEMBER 27-29, 2006, GOA, INDIA

## Wednesday, September 27

1:30 - 2:00	Registration
2:00 - 2:30	Basic concepts of Ultrasonography <i>Lubos Hrazdira</i>
2:30 - 3:00	Principles of MSUS <i>Antonio Bouffard</i>
3:00 - 3:30	Ultrasonography of the Shoulder: Technique and Anatomy <i>Wolf Shietza</i>
3:30 - 4:00	Interpretation of the Shoulder pathology <i>Kil Ho Cho</i>
4:00 - 4:30	Ultrasound Imaging of the Shoulder Pain <i>Antonio Bouffard</i>
4:30 - 5:00	Live Demonstration of Shoulder Ultrasonography <i>Lubos Hrazdira</i>
5:00 - 6:00	Hands-on US Workshop Shoulder Ultrasonography
6:00 - 6:30	Muscle Ultrasound: Anatomical interpretation and pathology <i>Kil Ho Cho</i>
6:30 - 7:00	Q & A
7:00	Adjourn

## Thursday, September 28

7:30 - 8:00	Elbow Ultrasonography <i>Antonio Bouffard</i>
8:00 - 8:30	Hand and Wrist Ultrasonography: Anatomy and Pathology <i>Antonio Bouffard</i>
8:30 - 9:00	Live Demonstration of Elbow Wrist and Hand Ultrasonography <i>Antonio Bouffard</i>
9:00 - 9:30	Workshop Station 1: Shoulder Ultrasonography (Hands on)
9:00 - 10:00	Workshop Station 2: Shoulder Ultrasonography (Hands on)
9:00 - 10:00	Workshop Station 3: Elbow Wrist and Hand Ultrasonography (Hands on)
9:00 - 10:00	Workshop Station 4: Elbow Wrist and Hand Ultrasonography (Hands on)
10:00 - 10:30	Infant spine anatomy and pathology with live demonstration <i>Sally Scott</i>
10:30 - 11:00	Hip Ultrasonography Anatomy and Pathology <i>Antonio Bouffard</i>
11:00 - 11:30	Ultrasonography of the Knee Joint <i>Kil Ho Cho</i>
11:30 - 12:00	Ankle and Foot Ultrasonography <i>Azriel Benaroya</i>
12:00 - 12:30	Live Demonstration: Hip and Knee Ultrasonography <i>Kil Ho Cho</i>
12:30 - 1:00	Live Demonstration: Ankle and Foot Ultrasonography <i>Kil Ho Cho</i>

## Cont' Thursday, September 28

1:00 - 2:00	Lunch
2:00 - 3:00	Workshop: Ultrasonography of Hip, Knee and Ankle (Hands on) Workshop Station 1: Lower Extremity Ultrasonography Workshop Station 2: Lower Extremity Ultrasonography Workshop Station 3: Lower Extremity Ultrasonography
3:00 - 3:30	US in Rheumatology & Bursal Pathology <i>Kil Ho Cho</i>
3:30 - 3:50	MSUS in sports and skeletal oncology <i>Lubos Hrazdira</i>
3:50 - 4:15	Forced positions in MSUS: Shoulder, Knee and Ankle <i>Lubos Hrazdira</i>
4:15 - 4:30	Health Break
4:30 - 5:00	Ultrasonography of Soft Tissue Tumors <i>Kil Ho Cho</i>
5:00 - 5:30	Ultrasonography of Infection, Septic Arthritis and infected Total Hip <i>A. Bouffard</i>
5:30 - 6:00	Invasive US techniques <i>Antonio Bouffard</i>
6:00 - 6:15	Workshop of US Guided Procedures: Instructions <i>Antonio Bouffard</i>
6:15 - 7:00	Workshop of US Guided Procedures: (Hands on)
7:00	Adjourn

## Friday, September 29

8:00 - 10:00	3D MSUS: Mini Symposium <i>Lubos &amp; Adam Hrazdira</i> History: From US quality control to 3D US Principles of 3D in ultrasonography Attributes of 3D ultrasound Advantages of 3D ultrasonography Clinical cases Spatial reconstruction of the MSUS image 3D examination of the locomotor apparatus Free hand acquisition vs' automated image acquisition Current applications of TCC Demonstration and hands on training
10:00 - 11:00	Hands-on US Workshop: Shoulder Ultrasonography and invasive US techniques
11:00 - 12:00	Hands-on US Workshop: Ultrasonography of Hip, Knee and Ankle (
12:00 - 12:30	Q & A
12:30	Adjourn
1:00	Lunch

### Workshop Faculty:

Shoulder: *Azriel Benaroya, , Lubos Hrazdira, Kil Ho Cho , Kurt Lercher, Wolf Schietza*

**Upper Extremity:** *Azriel Benaroya, , Lubos Hrazdira, Kil Ho Cho*

**Lower Extremity:** *Azriel Benaroya, , Lubos Hrazdira, Kil Ho Cho*

**Invasive Ultrasonography:** *Azriel Benaroya, , Lubos Hrazdira, Kil Ho Cho*

**3D Ultrasonography:** *Lubos & Adam Hrazdira*