



International

CAOS Reference Clinics

This document lists the current CAOS Reference Clinics that have been certified by the International Society for Computer Assisted Orthopaedic Surgery (CAOS-International) to participate in CAOS-International's scholarship program. Interested candidates for participating in the program as scholars should consult this listing to select at least three different CAOS Reference Clinics to be visited during their planned scholarship. Details of the program and the application procedure can be found at <http://www.caos-international.org/>. Please note: While scholars may, of course, arrange visits to individual clinics on a personal level, official approval of the scholarship by CAOS-International requires the procedure described on the aforementioned web page to be followed!

The clinics described in this booklet are listed geographically (by continent) and alphabetically (by town).

Date: February 2, 2007

EUROPE

Reference Clinic ID: IT-BERG
City: Bergamo
Country: Italy
Clinic: Unità Struttura Complessa Ortopedia e Traumatologia
Ospedali Riuniti di Bergamo
Fields of CAOS Expertise: Total Knee Replacement
Trauma
Hip Resurfacing
High Tibial Osteotomy
Additional Information: CAOS technology in use since September 2001
approx. 75% of all TKR cases are navigated
Five surgeons are well-trained CAOS users
System(s) in use: VectorVision (BrainLAB)
Sesamoid (Orthosoft)
Sometimes: Ci (Depuy)
Occasionally: Treon-EM (Zimmer-Medtronic)
CAOS Frequency: 10 TKR cases per month
Recommended Accommodation: Cheaper hotels nearby the Hospital
Contact address: Dipartimento Scienze Motorie
Unità Struttura Complessa Ortopedia e Traumatologia
Ospedali Riuniti di Bergamo
Largo Barozzi 1
24100 Bergamo
Italy
Phone: +39035269375/4
Fax: +39025266828
Contact person: Claudio Carlo Castelli
ccastelli@ospedaliriuniti.bergamo.it
F. Barbieri
fbarbieri@ospedaliriuniti.bergamo.it
V.Gotti
vgotti@ospedaliriuniti.bergamo.it

Reference Clinic ID: DE-BERL
City: Berlin
Country: Germany
Clinic: Zentrum für Muskuloskeletale Chirurgie
Charité
Fields of CAOS Expertise: Total Knee Replacement
Total Hip Replacement
Sacro-Iliac Screwing
Trauma
High Tibial Osteotomy
Additional Information: CAOS technology in use since 2000
approx. 90% of all pelvic tumors, 50% of all spines, 30% of all
trauma cases are navigated
Two surgeons are well-trained CAOS users
System(s) in use: BrainLAB
Plus Orthopedics
Aesculap
CAOS Frequency: More than 5 cases per week
Recommended Accommodation: Guest House located on the campus
Contact address: Centrum für Muskuloskeletale Chirurgie
CHARITE - Universitätsmedizin Berlin
Campus Virchow Klinikum
Augustenburgerplatz 1
13353 Berlin
Germany
Phone: +49 30 450552032
Fax: +49 30 450552906
Contact person: Ulrich Stöckle
ulrich.stoeckle@charite.de

Reference Clinic ID: UK-GLAG
City: Glasgow
Country: United Kingdom
Clinic: Golden Jubilee National Hospital
Fields of CAOS Expertise: Total Knee Replacement
Total Hip Replacement
High Tibial Osteotomy
Additional Information: CAOS technology in use since 2005 (Dr. Picard: since 1997)
approx. 60% of all cases are navigated
One surgeon is a well-trained CAOS user
CAOS Frequency: 20-30 cases per month
System(s) in use: OrthoPilot (Aesculap)
Stryker
Recommended Accommodation: Beardmore Hotel (<http://www.bw-beardmorehotel.co.uk/>) is located at the hospital's facilities
Contact address: Golden Jubilee National Hospital
Beardmore Street
Clydebank Glasgow
G81 4HX
United Kingdom
Phone: +44 141 951 5567
Fax: +44 141 951 5081
Secretary: +44 141 951 5564
Contact person: Frederic Picard
frederic.picard@gjnh.scot.nhs.uk

Reference Clinic ID: FR-GRES
City: Grenoble
Country: France
Clinic: Hôpital Sud
Fields of CAOS Expertise: Total Knee Replacement
Total Knee Replacement (MIS)
Osteotomy around the Knee
Additional Information: CAOS technology in use since 1997
approx. 90% of all cases are navigated
One surgeon is a well-trained CAOS user
CAOS Frequency: 15-20 cases per month
System(s) in use: OrthoPilot (Aesculap)
Recommended Accommodation: Rooms are available with the Hospital's facilities
Contact address: CHU de Grenoble
Hôpital Sud
Avenue de Kimberley
BP 338
38434 Échirolles-cedex
France
Phone: +33 476 765 833
Fax: +33 476 765 818
Contact person: D. Saragaglia
DSaragaglia@chu-grenoble.fr

Reference Clinic ID: FR-GREC
City: Grenoble
Country: France
Clinic: Department of Orthopaedic and Trauma Surgery
CHU
Fields of CAOS Expertise: Total Knee Replacement
Spine
Total Hip Replacement
ACL Reconstruction
Additional Information: CAOS technology in use since 1995
All TKR cases as well as approx. 80% of all spine, 60% of all
ACL and 25% of all THR cases are navigated
Three surgeons are well-trained CAOS users
CAOS Frequency: 35 cases per month
System(s) in use: Praxim-Medivision
Recommended Accommodation: Clinic's residential accommodation
Contact address: University Department of Orthopaedic and Trauma Surgery
CHU
A. Michallon
BP 217
38043 Grenoble Cedex 9
France
Phone: +33 4 76 76 55 93
Fax: +33 4 76 76 52 18
Contact person: Philippe Merloz
PMerloz@chu-grenoble.fr

Reference Clinic ID: DE-HANN
City: Hannover
Country: Germany
Clinic: Trauma Department
Hannover Medical School
Fields of CAOS Expertise: Total Knee Replacement
Total Hip Replacement
Spine
Trauma
ACL
High Tibial Osteotomy
Additional Information: CAOS technology in use since 2000
approx. 90% of all HTO, 70% of all spine, 70% of all TKR, 50%
of all trauma cases are navigated
Five surgeons is a well-trained CAOS user
CAOS Frequency: 50 cases per month
System(s) in use: BrainLAB
Stryker
Recommended Accommodation: Accommodation on the campus as well as private accommoda-
tion nearby
Contact address: Trauma Department
Hannover Medical School
Carl-Neuberg-Str. 1
30625 Hannover
Germany
Phone: +49 511 532 2050
Fax: +49 511 532 5877
Contact person: D. Kendoff
kendoff.daniel@mh-hannover.de
T. Hüfner
huefner.tobias@mh-hannover.de

Reference Clinic ID: FR-ILLK
City: Illkirch-Graffenstaden
Country: France
Clinic: Centre de Traumatologie et d'Orthopédie
Fields of CAOS Expertise: Total Knee Replacement
Unicompartmental Knee Replacement
Total Hip Replacement
ACL Reconstruction
High Tibial Osteotomy
Additional Information: CAOS technology in use since 1998
All cases are navigated
One surgeon is a well-trained CAOS user
CAOS Frequency: 25-30 cases per month
System(s) in use: OrthoPilot (Aesculap)
Recommended Accommodation: Rooms are available with the Hospital's facilities
Contact address: Centre de Traumatologie et d'Orthopédie
10 avenue Baumann
67400 Illkirch-Graffenstaden
France
Phone: +33 3 88 55 2183
Fax: +33 3 88 67 4515
Contact person: Jean-Yves Jenny
jean-yves.jenny@evc.net

Reference Clinic ID: DE-LUDW
City: Ludwigshafen
Country: Germany
Clinic: Berufsgenossenschaftliche Unfallklinik
Fields of CAOS Expertise: Total Knee Replacement
Total Hip Replacement
Spine
Trauma
ACL

Additional Information: CAOS technology in use since 1998
Approx. 95% of all TKR, 80% of all spine, 75% of all THR cases
are navigated
Six surgeons are a well-trained CAOS users

CAOS Frequency: 30-35 cases per month

System(s) in use: BrainLAB
OrthoPilot (Aesculap)
Praxim-Medivision
Medivision

Recommended Accommodation: Hostel owned by the hospital

Contact address: Berufsgenossenschaftliche Unfallklinik Ludwigshafen
Level 1
Trauma Center
Ludwig Guttman Str. 13
67071 Ludwigshafen
Germany
Phone: +49 621 681 024 80
Fax: +49 621 681 033 77

Contact person: Jan von Recum
recum@bgu-ludwigshafen.de

Reference Clinic ID: IT-MILA
City: Milano
Country: Italy
Clinic: ICP Orthopaedic Center
Fields of CAOS Expertise: Total Knee Replacement
Unicompartmental Knee Replacement
Osteotomies around the Knee
Total Hip Replacement
Hip Resurfacing

Additional Information: CAOS technology in use since 1999
more than 60% of all THR and TKR cases are navigated
Five surgeons are a well-trained CAOS users

CAOS Frequency: 20 cases per month
System(s) in use: BrainLAB
OrthoPilot (Aesculap)

Recommended Accommodation: There is a hotel right in front of the hospital
Contact address: Orthopaedic and Traumatology
ICP Orthopaedic Center
via Bignami 1
20038 Milano
Italy

Contact person: Norberto Confalonieri
nconf@icp.mi.it

Reference Clinic ID: DE-ULM
City: Ulm
Country: Germany
Clinic: Abt. für Unfallchirurgie, Hand- und Wiederherstellungschirurgie
Universitätsklinikum Ulm
Fields of CAOS Expertise: Total Knee Replacement
Spine
Trauma
High Tibial Osteotomy
Additional Information: CAOS technology in use since 1998
More than 90% of all cases are navigated
Three surgeons are a well-trained CAOS users
CAOS Frequency: 3-4 cases per week
System(s) in use: BrainLAB
Recommended Accommodation:
Contact address: Abt. für Unfallchirurgie, Hand- und Wiederherstellungschirurgie
Universitätsklinikum Ulm
Steinhoevelstr. 9
89075 Ulm
Germany
Phone: +49 731 5002 7352
Fax: +49 731 5002 1570
Contact person: Florian Gebhard
florian.gebhard@uniklinik-ulm.de

Reference Clinic ID: CZ-ZNOJ
City: Znojmo
Country: Czech Republic
Clinic: Department of Orthopaedics and Traumatology
General Hospital Znojmo
Fields of CAOS Expertise: Hip Resurfacing
ACL
High Tibial Osteotomy
Trauma
Additional Information: CAOS technology in use since 2000
All TKR, ACL, HTO and Hip Resurfacing cases as well as most
of the trauma and 25% of all THR are performed with navigation
Seven surgeons are a well-trained CAOS users
CAOS Frequency: at least 5 cases per week
System(s) in use:
Recommended Accommodation:
Contact address: General Hospital Znojmo
Department of Orthopaedics and Traumatology
11 Dr. J. Janského
66902 Znojmo
Czech Republic
Phone: +42 515 215 265
Fax: +42 515 215 411
Contact person: Radek Hart
primar.ortopedie@nemzn.cz

NORTH AMERICA

Reference Clinic ID: US-BAYP
City: Baypines, FL
Country: USA
Clinic: BayPines Orthopedic Research Institute
Fields of CAOS Expertise: Total Knee Replacement
Total Hip Replacement (using three different approaches)
ACL Reconstruction
Additional Information: CAOS technology in use since 2002
All primary surgeries are navigated
Three surgeons are well-trained CAOS users
CAOS Frequency: 20-25 cases per month
System(s) in use: OrthoPilot (Aesculap)
Recommended Accommodation: Free in-house accommodation
Apartments within walking distance
Contact address: BayPines Orthopedic Research Institute
P.O. Box 517
Baypines, FL 33744
USA
Phone: +1 727 398 6661, Ext. 7681
+1 727 422 4680
Fax: +1 727 319 1196
+1 727 394 9568
+1 727 398 9454
Contact person: Sam Hakki
samhakki@gmail.com

Reference Clinic ID: US-BOST
City: Boston, MA
Country: USA
Clinic: Center for Computer Assisted and Reconstructive Surgery
New England Baptist Hospital
Fields of CAOS Expertise: Total Knee Replacement
Total Hip Replacement
Additional Information: CAOS technology in use since 1997
All THR and TKR cases are navigated
One surgeon is a well-trained CAOS user
CAOS Frequency: 6-9 cases per week
System(s) in use: BrainLAB (2 system)
HipNav
Orthosoft
Recommended Accommodation: Program “At home in Boston”
Housing affiliated with the hospital
Contact address: Center for Computer Assisted and Reconstructive Surgery
New England Baptist Hospital
125 Parker Hill Avenue, Suite 545
Boston, MA 02120
USA
Contact person: Stephen Murphy
StephenSMurphy@aol.com

Reference Clinic ID: US-CINC
City: Cincinnati, OH
Country: USA
Clinic: Cincinnati Orthopaedic Research Institute
Fields of CAOS Expertise: Total Knee Replacement (MIS)
Total Hip Replacement (MIS)
Additional Information: CAOS technology in use since 2001
All THR(MIS) and TKR(MIS) cases are navigated
One surgeon is a well-trained CAOS user
CAOS Frequency: 30 cases per month
System(s) in use: VectorVision (BrainLAB)
Ci (DePuy)
Recommended Accommodation: Residence hotel which is 2 blocks from the hospital
Contact address: Cincinnati Orthopaedic Research Institute
9825 Kenwood Rd. Suite 200
Cincinnati, Ohio 45236
USA
Phone: +1 513 221 1914
Fax: +1 513 221 1962
Contact person: Leslie Korbee
lkorbeecori@aol.com

Reference Clinic ID: CA-TORO
City: Toronto
Country: Canada
Clinic: St. Michael's Hospital
Fields of CAOS Expertise: Total Knee Replacement
Hip Resurfacing
Additional Information: CAOS technology in use since 2003 (Dr. Hafas since 2000)
90% of all cases are navigated
Two surgeons are well-trained CAOS users
CAOS Frequency: 12-20 cases per month
System(s) in use: Stryker (for knee arthroplasty)
BrainLAB/Smith & Nephew (for hip resurfacing)
Recommended Accommodation: Relatively inexpensive accommodation close to the hospital is available
Contact address: Division of Orthopaedics
Department of Surgery
University of Toronto
St. Michael's Hospital
Suite 800
55 Queen Street East
Toronto, Ontario M5C 1R6
Canada
Phone: +1 416 864 6003
Fax: +1 416 359 1601
Contact person: Emil H. Schemitsch
schemitsche@the-wire.com

ASIA

Reference Clinic ID: HK-CUHK
City: Hong Kong
Country: Hong Kong
Clinic: Department of Orthopaedics and Traumatology
The Chinese University of Hong Kong
Fields of CAOS Expertise: Total Knee Replacement
Spine
Trauma
Additional Information: CAOS technology in use since January 2001
More than 50% of all TKR cases and 20% of all trauma cases are navigated
Six surgeons are well-trained CAOS users
CAOS Frequency: >50 cases per month
System(s) in use: Stryker
BrainLAB
Recommended Accommodation: Hospital residential accommodation
Contact address: Department of Orthopaedics and Traumatology
The Chinese University of Hong Kong
Prince of Wales Hospital, Shatin
Hong Kong
Phone: +852 2632 2724
Fax: +852 2637 7889
Contact person: Kwok-Sui Leung
ksleung@cuhk.edu.hk

Reference Clinic ID: KR-JEON
City: Jeonnam
Country: Korea
Clinic: Chonnam National University Hwasun Hospital
Fields of CAOS Expertise: Total Knee Replacement (Robot)
Total Knee Replacement (MIS)
Total Hip Replacement (Robot)
Total Hip Replacement (MIS)
ACL Reconstruction
High Tibial Osteotomy
Additional Information: CAOS technology in use since 2003
20% of all TKR cases are supported by robot, another 40% are done with navigation. 5% of all THR cases are supported by robot. 50% of all ACL and HTO cases are performed with navigation
Four surgeons are well-trained CAOS users
CAOS Frequency: in total >70 cases per month
System(s) in use: OrthoPilot (Aesculap)
ROBODOC (ISS)
Recommended Accommodation: 3-4 hotels within 20 minutes (by car)
4-5 inns within 10 minutes (on foot)
Contact address: Center for Joint Diseases
Department of Orthopaedics
Chonnam National University Hwasun Hospital
160 Ilsim-ri
Hwasun-gun
Jeonnam, 519-809
Korea
Phone: +82 61 379 7676
Fax: +82 61 379 7681
Contact person: Eun Kyoo Song
eksong@jnu.ac.kr

Reference Clinic ID: SG-SGGH
City: Singapore
Country: Republic of Singapore
Clinic: Department of Orthopaedic Surgery
Singapore General Hospital
Fields of CAOS Expertise: Total Knee Replacement
Total Hip Replacement
Additional Information: CAOS technology in use since 2000
Three surgeons are well-trained CAOS users
CAOS Frequency: 20-25 cases per month
System(s) in use: Stryker
Medtronic (Treon-EM)
Depuy
BrainLAB
Medivision
Orthosoft
Recommended Accommodation: Hotels & hostels
Contact address: Department of Orthopaedic Surgery
Singapore General Hospital
Republic of Singapore
Phone: +65 6321 4047
Fax: +65 6224 8100
Contact person: Kuang-Ying Yang
kyyang@kyyang.com