

CURRICULUM VITAE

BHARAT SUMAN MODY

**MBBS MS (Orth)
MCh(Orth)(Liverpool)
ODTS (RCSE)(London)
AO Fellow (Harvard Univ.) (USA)**

**Director
&
Chief Joint Replacement Surgeon**

WELCARE HOSPITAL

Near Mercedes Showroom
Atladara-Vadsar Road
Atladara
Vadodara 390012
Gujarat
India

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PERSONAL DETAILS

Name	BHARAT SUMAN MODY
Date of Birth	12 March 1961
Nationality	Indian
Status	Married with two sons
Address	Welcare Hospital Atladara-Vadsar Road Atladara Vadodara 390 012 Gujarat, India
Telephone	(91)-265-2341552 (Resi.) (91)-265-2337172 (Hospital) (91)-265-2309800 (Direct)
Fax	(91)-265-2309888 (Clinic)
Mobile	+91 9824036065
E-mail	ceo@welcarehospital.co.in joints.mody@gmail.com
General Education	Fertilizer Nagar School, Baroda, India 1965-1976 (Primary & secondary education)
	Top pupil in Secondary Board Examinations
	Awarded scholarship for Higher Secondary Education Baroda High School, Baroda, India 1977-1978 (Higher secondary education) Head Pupil (1978)
REGISTRATION	
GMC (UK)	Full member Membership number 3631247
GMC (Gujarat, India)	Full member Membership number G-14641
GMC (Gujarat, India)	Additional Medical Qualification (M.S. Orthopaedics) Membership number G-3796

MEDICAL EDUCATION

Medical School

M.P.Shah Medical College (Saurashtra University)
Jamnagar, India
1979-1980

Academic distinction

Highest marks in Anatomy
Placed in the top ten overall scores

Requested a transfer to:

Baroda Medical College (M S University)
Baroda, India
1981-1983

Academic distinction

Gold medal for top scores in
Preventive & Social medicine

Special Certificate for second highest score
in Obstetrics & Gynaecology

Overall *second position* in the University League Table
for final MBBS examinations

Qualifications and dates of passing the examinations

MBBS	(1983)
MS (Orth)	(1987)
ODTS	(1992) (Certification from the Royal College of Surgeons of England for successful completion of four year training programme in Orthopaedic Surgery)
MCh (Orth)	(1993) (From Liverpool University, UK)
AO Fellow	(1994) (Harvard Univ.)(USA)

Membership of Societies

- Baroda Orthopaedic Association
- Gujarat Orthopaedic Association (Mem. No. M-22)
- Indian Orthopaedic Association (Mem. No. 3155)
- Indian Medical Association (Mem. No. 06087)
- Asia Pacific Arthroplasty Society (Executive member)
- European Federation of National Association of Orthopaedics and Traumatology (EFORT-ASIA) (Member – Scientific Advisory Committee)
- Indian Society of Hip and Knee Surgeons (ISHKS) (Life Member)
- Indian Arthroplasty Association (IAA) (President- 2015)

CURRENT STATUS

After working for several years in UK and USA, Dr. Mody decided to return home for reasons of personal values. From January 1995 to December 1998, he worked with Mayo Hospital, a 300 bedded multi speciality hospital, where he started as one of the consultant orthopaedic surgeons and progressed to become Head of the Orthopaedic and Trauma department. During the last one year of his association with the hospital, he took charge of the whole establishment as Executive Vice President. This gave Dr. Mody a unique and invaluable opportunity to take charge of the administrative aspects of running a huge health service provider institution; and gave him insights into the economics, administration, politics, man-power management and other related facets of health care industry which will benefit his performance over the years to come.

He founded Centre for Knee and Hip Surgery in February 1999. Starting as a single person practice, he guided its growth to a point where at present it has been established into a 110 bedded Superspecialty Welcare Hospital offering a comprehensive range of services in multiple areas of specialised surgeries.

Dr. Mody heads a team of Orthopaedic surgeons and under his leadership and tutelage, the team has established its credibility as one of the premier institutes for Knee, Hip and Spine surgery in the country. The present team has now expanded its scope of work and offers highly skilled surgical expertise for complex fracture surgery, shoulder and elbow surgery, and paediatric as well as geriatric orthopaedic surgery. It attracts patients from across the world.

Dr. Mody is recognized as one of the leading faculty members from India and is invited to lecture on international platforms on a regular basis. He is a member of the Scientific Advisory Committee of EFORT (European Federation of National Associations of Orthopaedics and Traumatology)-ASIA and has been on the Executive Committee of the Asia Pacific Arthroplasty Society. He is an invited Reviewer for the flagship orthopaedic journal of the world- Bone & Joint Journal, published from UK. He was the President of the Indian Arthroplasty Association during the year 2015.

CREDITABLE APPOINTMENTS

ELECTED AS THE PRESIDENT OF THE INDIAN ARTHROPLASTY ASSOCIATION FOR THE YEAR 2015

Dr. Mody was elected as the president of The Indian Arthroplasty Association (IAA) for the year 2015. During his tenure, he successfully organised and chaired the Joint Congress of IAA-ASIA 2015 at Agra from 23-25th October 2015. It was attended by 150 foreign and more than 300 Indian delegates with 25 foreign and 50 Indian faculty participating. The Congress had rich scientific content and was applauded by colleagues and senior surgeons in the arthroplasty field.

EFORT ASIA: SCIENTIFIC ADVISORY COMMITTEE MEMBER

He was invited to be a member of Scientific Advisory Committee of EFORT (European Federation of Orthopaedics and Traumatology) -ASIA held in June 2009.

EFORT is the umbrella organisation linking Europe's national orthopaedic associations. Its aims reflect the will of all the participating associations to promote the exchange of scientific knowledge and experience in the field of prevention and both the conservative and surgical treatment of diseases and injuries concerning the musculo-skeletal system. To this end, particular emphasis is placed upon activities focusing on education and research. It was established by the national associations for orthopaedics and traumatology from twenty European countries. The Federation was founded in Marentino, Italy, in 1991, and today has 38 national member societies from 38 member countries, as well as four associate scientific members. EFORT is recognised as representing an outstanding level of orthopaedics and traumatology in Europe.

It is for the first time that an Indian has received a personal invitation to be a member of the Scientific Advisory Committee of EFORT-ASIA. It is a very prestigious appointment which offers Dr. Mody the opportunity to develop a bridge between the European and Asian nations

ASIA PACIFIC ARTHROPLASTY SOCIETY (APAS): INTERNATIONAL EXECUTIVE COMMITTEE MEMBER

Asia Pacific Arthroplasty Society (APAS) was founded by Wui. K. Chung, a renowned professor of orthopaedics, in 1998. The society is dedicated to promote the joint replacement skill in Asia-Pacific region both academically and technologically mainly through teaching and training, academic conferences, on-site operation performance and exhibition of new instruments.

As an authoritative professional organization in Asia-Pacific region and international academic organization in arthroplasty field, APAS has thirteen member states including China, Australia, South Korea, Singapore, India and so on. It is a very influential organization in the arthroplasty domain in Asia-Pacific region. The society engages in academic exchange activities related to joint replacement.

Since 1998, the society has successfully held 10 sessions of annual academic meetings and many short-term training courses in many countries in Asia-Pacific region, including Australia, India, South Korea, China, Indonesia, Malaysia and other countries. Many well-known arthroplasty experts and scholars are invited to hold lectures on special topics and to conduct academic communication.

Dr Mody has been elected as an executive member of the Asia Pacific Arthroplasty Society and represents India on its executive board.

INVITATION AS A REVIEWER FOR THE BONE & JOINT JOURNAL, UK

Invited as a member of the Board of Reviewers of Scientific Paper submissions by the flagship orthopaedic journal **The Bone and Joint Journal, UK** (previously The Journal of Bone & Joint Surgery, British Edition), since November 2008. He has reviewed several papers for the journal and continues to do so regularly.

PARTICIPANT IN THE GREAT DEBATE, IMPERIAL COLLEGE, LONDON

Was invited as a faculty to deliver a lecture on the specialized technique developed by him, '**Obtaining High Flexion after Total Knee Joint Replacement**', at the Imperial College, London, 2009

The Imperial College, London is one of the classic bastions of English scholarship. The Orthopaedic Surgery Department of Imperial College organizes an annual event called '**The Great Debate**' where top surgeons from across the world are invited to convey their original ideas to surgeons from different parts of United Kingdom. The meeting is considered an apex level scientific platform in the field of Total Joint Replacement Surgery.

Dr Bharat Mody is the first Indian to receive this kind of invitation at this prestigious event.

FELLOWSHIP AWARD FROM JAPANESE ORTHOPAEDIC ASSOCIATION

He was awarded a fellowship award of 1,00,000 Yen, by the Japanese Orthopaedic Association on the basis of his original research paper titled "Achieving High Flexion after Total Knee Arthroplasty using standard implants", at the 80th Annual Congress of the Japanese Orthopaedic Association, , at Kobe, Japan, in May 2007.

APPOINTED AS THE CHAIRMAN OF THE ADVISORY GROUP OF BAYER INDIA LTD

Dr. Mody has been appointed as the Chairman of the Advisory Board of Bayer India Ltd. for giving his expert advice and opinion for the development of their molecule Xarelto (Rivaroxaban) in India, for the treatment and prevention of deep vein thrombosis and pulmonary embolisms following arthroplasty surgery. He is regularly invited as a faculty to deliver lectures all around the world on this topic. He also chaired the National Orthopedics Advisory Committee Meeting of Bayer India Ltd. held in Mumbai on 12th July, 2014.

APPOINTED AS A MEMBER OF THE ADVISORY BOARD OF DEPUY INSTITUTE

He has been appointed on the Advisory Board of DePuy Institute to mould teaching programmes for the next generation of Orthopaedic Surgeons and to give directions to them for paving the way for advanced surgical techniques.

APPOINTED AS A MEMBER OF THE NATIONAL ADVISORY BOARD OF BRISTOL-MYERS-SQUIBB, INDIA

He has been a member of the National Advisory Board of the international pharmaceutical company Bristol-Myers-Squibb for introducing their molecule Apixaban in India, for the prophylaxis and treatment of deep vein thrombosis (DVT), and pulmonary embolism (PE), in patients who have undergone hip or knee replacement surgery.

APPOINTED AS A MEMBER OF THE NATIONAL ADVISORY BOARD OF BOEHRINGER INGELHEIM, INDIA

Appointed as a member of the National Advisory Board of the international pharmaceutical company Boehringer-Ingelheim in India, for setting the road map for their molecule Pradaxa (Dabigatran) and shaping the prevention strategies of Venous Thromboembolism (VTE) following major orthopaedic surgeries.

AO FELLOWSHIP

The AO fellowship is a much coveted honour and is granted by the AO Foundation based in Davos, Switzerland. It places selected candidates in one of their recognised centres from around the world. These centres of excellence are famous for the high standard of trauma surgery that they practice. The AO philosophy and practice is perhaps the most important development in trauma surgery since the Second World War.

The AO fellows get a chance to observe, understand and take part in the practice of AO philosophy during the fellowship period.

He was awarded the fellowship during 1994. He utilised this valuable opportunity to work at the Massachusetts General Hospital, Boston, USA. This is recognised all over the world as one of the best medical institutions for training and treatment.

TEACHING FACULTY MEMBER

Appointed as Assistant Professor in Orthopaedics and Head of Arthroplasty Unit at Sumandeep Vidyapeeth University.

He has been invited as a visiting lecturer by the Centre for Continuing /Adult Education and Community services, M.S. University, Baroda, for the students of Hospital Administration & Management. The topic assigned to him was Cost-Benefit Analysis for New Equipment.

INTERNATIONAL TRAVEL FELLOWSHIP AWARD

He was granted an international travel fellowship award by Stryker-Osteonics-Howmedica for the year 1999. The award consists of sponsored travel and boarding expenses enabling the participant to attend workshops and seminars in prominent arthroplasty centres in UK. His placement was at Exeter, UK, in Dec. 1999.

HARGOBIND FOUNDATION AWARD

The Hargobind Foundation is based in Zug, Switzerland. Applications are invited on an all India basis from post-graduate students intending to pursue higher training in their fields abroad. Ten candidates are selected from the several hundred applicants.

He was awarded a scholarship to help finance plans for higher surgical training in UK.

ROYAL COLLEGE OF SURGEONS OF ENGLAND (RCSE)-ODTS

The RCSE started the Overseas Doctors Training Scheme (ODTS) in 1989 to offer and impart high quality training to higher surgical trainees from abroad. The orthopaedic speciality attracts applications from all over the world and present waiting period for placement (if selected) is a minimum of 3-4 years. Competition is intense and selection criteria are of a high standard.

The Scheme offers the selected candidates placement in teaching hospital training programmes which are identical to those designed for training local British graduates to pursue a consultant career in orthopaedics. The candidate is closely monitored vis a vis performance and awarded certification of successful completion if found adequate.

He was selected by the RCSE for a four year training programme which he completed successfully in December 1992.

ACADEMIC ACTIVITIES

THESES DEFENDED

1. Long term results of fracture of the femoral neck in children.

B.S.Mody

Defended this thesis as part of requirements by the M.S.University of Baroda for the Master of Surgery (Orth) degree. 1987.

This is based on a study of 25 patients with a minimum follow-up of 5 years. The main conclusions were that there is a very high rate of avascular necrosis (49%) in Type II and III displaced fractures; closed or open reduction with pin fixation is recommended for Type I, II and III fractures (both displaced & undisplaced), and for Type IV displaced fractures; there is a high chance of progressive coxa vara if these fractures are not fixed; and the changes of AVN might start manifesting as late as 2 years after injury.

2. Evaluation of the carbon and polyester prosthetic ligament in chronic anterior cruciate deficiency.

B.S.Mody

Defended this thesis as part of requirements by the Liverpool University for the MCh (Orth) degree course, 1993.

This study was based on a study of 31 patients with chronic anterior cruciate deficiency treated with the ABC prosthetic ligament. The main conclusions were that the carbon and polyester ABC ligament had not yielded a satisfactory level of good results when used in chronic ACL deficiency; the incidence of failure at around 15% within about 3 years of implantation was considered too high for this prosthesis to be recommended for use in young patients; true neo ligament formation is far from being conclusively proved and it would be unrealistic to expect the prosthesis to be relieved of its load bearing function in due time; the prosthesis seems to be vulnerable at its exit from the tibial hole; the results seem to be highly technique sensitive and perhaps it is unwise to advocate the use of this prosthesis by the general orthopaedic surgeon.

PAPERS PUBLISHED IN INTERNATIONAL JOURNALS

1. Non-union of fractures of the scaphoid tuberosity.

B.S.Mody, P.P.Belliappa, J.J.Dias, N.J.Barton

Journal of Bone and Joint Surgery. 1993. **75-B:** 3: 423-425.

2. The reliability of ultrasonographic assessment of neonatal hips.

J.J.Dias, I.H.Thomas, A.C.Lamont, B.S.Mody, J.R.Thompson

Journal of Bone and Joint Surgery. 1993. **75-B:** 3: 479-482.

3. Early results of the ABC carbon and polyester prosthetic ligament in chronic anterior cruciate deficient knees.

B.S.Mody, L. Howard, M.L.Harding, H.V.Parmar, D.J.Learmonth

Journal of Bone and Joint Surgery. 1993. **75-B:** 5: 818-821.

4. Fracture through the ossified mass - a late complication of myositis ossificans traumatica.

B.S.Mody, S.S.Patil, H.Carty, L.Klenerman

Journal of Bone and Joint Surgery [Br]. Accepted for publication - December 1993. Expected to be published during early 1994.

5. A simple clinical test to differentiate rupture of flexor pollicis longus and incomplete anterior interosseous paralysis.

B.S.Mody

Journal of Hand Surgery. 1992. **17-B:** 513-514.

6. Carpometacarpal dislocation of the thumb associated with fracture of the trapezium.

B.S.Mody, J.J.Dias

Journal of Hand Surgery. 1993. **18-B:** 197-199.

7. Fracture of the occipital condyle.

B.S.Mody, E.W.Morris

Injury. 1992. **23:** 5: 350-352.

8. Acute traumatic bowing of the radius in an adult.

B.S.Mody, M.L.Rawes, W.M.Harper, O.O.A.Oni

Injury. 1992. **23:** 5: 349-350.

9. Recurrent anterior glenohumeral joint dislocation and torsion of the humerus.

J.J.Dias, B.S.Mody, D.B.L.Finlay, R.A.Richardson

Injury. 1993. **24:** 5: 329-332.

- 10. Pseudoaneurysm and compression of external iliac artery and vein after total hip arthroplasty.**
B.S.Mody
The Journal of Arthroplasty. 1994. **9**: 1:1-4.
- 11. Dysplasia epiphysealis capitis femoris - Meyer's dysplasia.**
S.S.Patil, B.S.Mody, H.Carty, J.F.Taylor
Paediatrics Today. 1993. 23-25.
- 12. Fracture of the femoral head without associated hip dislocation following low energy trauma.**
B.S.Mody, A.M.Wainwright
Archives of Orthopaedic and Trauma Surgery. 1996: Vol-115, No.5,300-02
- 13. Dermatitis on the lateral knee following knee replacement: an association with contact allergy to chromate, cobalt and nickel in a minority of cases**
Shyam B Verma, Bharat Mody, David J Gawkrödger
Contact Dermatitis 2006, Vol 54 No.4, 228-29
- 14. Range of movements of lower limb joints in cross legged sitting posture.**
Mody B S, Dewangan SK, Kapoor A, Mishra SK.
Journal of Arthroplasty 2008. April 23(3):451-3
- 15. Case Report- Periprosthetic femoral fracture after a well fixed revision total knee arthroplasty treated with in-situ effective lengthening of prosthesis**
Mody B S, Khandelwal A, Wala A.
Journal of Arthroplasty 2009.
- 16. Explaining a hitherto nameless condition: 'SKINTED'**
Verma S., Mody B.S.
Journal of British Association of Dermatologists 2009, *Clinical Experimental Dermatology*, 34, e465-e466.
- 17. Is the definition of a successful total knee replacement the same for Asian and European Patients?**
This article was published in:
The SURGERIE 2011 ISSUE 2
- 18. Arthroplasty in young adults: options, techniques, trends, and results.**
Mody B S, Mody K
Current Reviews in Musculoskeletal Medicine: 2014 Jun;7(2):131-5

19. "A randomized placebo-controlled trial of the efficacy of denosumab in Indian postmenopausal women with osteoporosis"

This article was published in "**Indian Journal of Endocrinology and Metabolism**" Jan.-Feb.2015/Vol.19/Issue 1. It won the 1st prize in IJEM annual awards at the ESICON, A'bad

CHAPTERS AUTHORED:

1. How to deal with valgus deformities during Total Knee Arthroplasty.

Was invited to author a chapter on the above topic in the **Delta Manual** published by the Australia based Delta group.

2. The definition of a successful total knee replacement differs for Asian and European patients

Was invited to write a guest editorial on this topic in **Orthopaedics Today Europe**, July/August 2010

ABSTRACTS

1. Early results of the carbon and polyester ABC ligament.

B.S.Mody *et al.*

Journal of Bone and Joint Surgery. 1993. Supp. Proceedings of the British Association for Surgery of the Knee (BASK).

2. Early results of the carbon and polyester ABC ligament.

B.S.Mody *et al.*

Clinical Digest Series (USA). 1994.

POSTERS

1. A simple clinical test to differentiate between rupture of flexor pollicis tendon and partial anterior interosseous nerve palsy.

B.S.Mody

Displayed at the Royal College of Surgeons of England, London, on the Annual Overseas Doctors Training Scheme Day. May, 1992.

2. Acute traumatic bowing of radius in an adult.

B.S.Mody *et al.*

Displayed at the Royal College of Surgeons of England, London, on the Annual Overseas Doctors Training Scheme Day, May, 1992.

3. Poster presentation: TKR in knees with gross laxity using primary components

Participated in the poster presentation at the 4th Asia Pacific Arthroplasty Society (APAS) Conference, in Phuket, Thailand, from 5th-8th September, 2002.

4. Determinant of Post-operative Ability to Sit Cross-legged (High Flexion) after Total Knee Arthroplasty – Surgical Technique or Implant Design?

Paper on the above topic selected for presentation at the 5th APAS Meet, Kuala Lumpur, Malaysia, on 9th August, 2003

5. ‘How to achieve deep flexion after Total Knee Replacement using Standard Implants’.

Poster on the above topic selected for presentation at 5th SICOT/SIROT Annual International Conference at Marrakech, Morocco, North Africa, from 29th Aug’07 – 1st Sept’07.

6. Effects of Denosumab in Postmenopausal Women with Osteoporosis from India

Poster on this topic was presented at the ESICON congress, Bhopal, India on 20th Oct. 2013

PRESENTATIONS TO LEARNED SOCIETIES

INTERNATIONAL

1. Fracture of the occipital condyle.

B.S.Mody, E.W.Morris

Royal College of Surgeons of England, Overseas Doctors Training Scheme Annual Day, July 1990.

2. Early results of the ABC ligament in chronic ACL deficient knees.

B.S.Mody, L.Howard, M.L.Harding, H.V.Parmar, J.R.Thompson.

Nottingham International Knee Symposium, November, 1991.

3. "Poliomyelitis"

Delivered a lecture, on invitation, to the Department of Orthopaedic Surgery at the Leicester Royal Infirmary. September 1991.

4. Early results of ABC ligament in chronic ACL deficiency.

B.S.Mody *et al.*

Leicester-Nottingham Meeting. 1991.

Declared second best presentation.

5. Recurrent dislocation of shoulder and humeral torsion.

B.S.Mody, J.J.Dias, D.B.L.Finlay, R.A.Richardson

British Elbow and Shoulder Surgeons (*BESS*) Fourth Annual Meeting. Exeter. April 1992.

6. A new technique for percutaneous release of Dupuytren's contracture.

B.S.Mody, J.J.Dias

British Society for Surgery of the Hand (*BSSH*). Autumn Meeting. November 1992.

7. Early results of ABC ligament in chronic ACL deficiency.

B.S.Mody *et al.*

British Association for Surgery of Knee (*BASK*). Annual meeting. March 1992.

8. Early results of ABC ligament in chronic ACL deficiency.

B.S.Mody *et al.*

"Ligaments and Tendons in Orthopaedic Surgery" - Meeting organised by the Biomaterials Group of the Biological Engineering Society. Cambridge. May 1992.

9. A new technique for percutaneous release of Dupuytren's contracture.

B.S.Mody, J.J.Dias

Liverpool-Manchester Meeting. July 1993.

10. Understanding Osteoarthritis

Delivered this talk to the general public, at the Rajyoga Centre, Nairobi, Kenya, June 2003 and at the Lohana Hall, Mombasa, Kenya, June 2003

11. Osteoarthritis & Bone cuts in TKR

Talked on the above subject to the doctors of Kenya Medical Association at the Pandya Hospital, Mombasa, June 2003

12. Determinant of Post-operative Ability to Sit Cross-legged (High Flexion) after Total Knee Arthroplasty – Surgical Technique or Implant Design?

Paper on the above topic presented at the 5th APAS Meet, Kuala Lumpur, Malaysia, on 9th August, 2003

13. Fixed Flexion Deformities and Total Knee Arthroplasty

Invited as a guest speaker to talk on the above topic, at the 6th Annual Scientific Meeting of the Asia Pacific Arthroplasty Society, held at Beijing, China in April 2004.

14. Deep flexion following Total Knee Arthroplasty.

Was invited to present this original surgical research at the Annual meeting of the Australian Knee Society, at Sydney, Australia on 22nd October' 2004.

15. Public Awareness Talks on Radio

Was invited twice by Radio FM Fiji to talk live on Osteoarthritis of the knees and their management, in Suva Fiji, November, 2004.

16. Clinical Significance of Joint Level Re-construction in TKA

Was invited as a faculty to deliver a lecture on above topic at 2nd APAS - China Foundation Course on Knee Arthroplasty, Hangzhou, China, March 2005

17. Dealing with Fixed Flexion Deformity

Was invited as a faculty to deliver a lecture on above topic at 2nd APAS - China Foundation Course on Knee Arthroplasty, Hangzhou, China, March 2005

18. Preventive care of knee joints

Was invited as a faculty to deliver a lecture on the above topic at 'World Gujarati Conference 2006', held at New Jersey, USA during 1 to 3 September 06.

19. Achieving High Flexion after Total Knee Replacement using standard Implants

Was invited as faculty to deliver a lecture on the above topic at '4th Congress of Asia Pacific Knee Society held at Seoul, Korea, during 21 to 23 September 06.

20. How to deal with Valgus deformities during Total Knee Arthroplasty

Was invited to author a chapter on the above topic in the Delta Manual published by the Australia based Delta Group.

21. Achieving High Flexion after Total Knee Arthroplasty using standard implants

Was awarded a Fellowship award of 1,00,000 Yen, by the Japanese Orthopaedic Association on the basis of this original research paper at the 80th Annual Congress of the Japanese Orthopaedic Association, , at Kobe, Japan, in May'07.

22. 'Range of movements of lower limb joints in cross legged sitting posture'.

Was invited as a faculty to deliver lecture on the above topic at 'Fifth SICOT/SIROT Annual International Conference' from 29th Aug'07 – 1st Sept'07 at Marrakech, Morocco, North Africa. He also presented a poster on the topic of 'How to achieve deep flexion after Total Knee Replacement using Standard Implants'.

23. 10th Annual Scientific meeting of the APAS by Malaysian Orthopaedic Association

Was invited as a speaker to deliver lecture on the topic of "**Impact of minimally invasive surgery on patient recovery and hospital stays**" organized by Asia Pacific Arthroplasty Society & Malaysian Orthopaedic Association from 22nd to 25th October 2008 in Kota Kinabalu Sabah, Malaysia. He also presented paper on '**Use of wedges and augments to tackle complex primaries**' during the conference.

24. Indonesia Orthopaedic Association Conference, Bali, 27-29th November 2008

Was invited as a faculty at Indonesia Orthopaedic Association Conference, Westin Resort, Nusa Dua, Bali organized from 27th November to 29th November 2008 where eminent orthopaedic surgeons were invited from across the world.

He delivered lectures on the topics:

- **Bone defects in Total Knee Replacement-approach and management**
- **Achieving deep flexion after Total Knee Arthroplasty -Importance of surgical technique**
- **Total Knee Arthroplasty after HTO**

He was invited to **debate against Dr Doug Dennis of USA** in a plenary session where he opposed on the topic: - **Is Mobile Bearing superior to Fixed Bearing?**

25. China Delta APAS course held at PLA Hospital, Beijing, China from 5th Dec to 7th Dec 2008

Essential skill set for revision and complex primary hip and knee arthroplasty course- A Delta Foundation event. (An intensive skill enhancement course based on live surgery and high density discussion).

- 1) Dr Mody was invited as a faculty to deliver lectures on:

- **Managing severe deformity and bone loss in primary TKA,**
 - **Non- allograft management of bone defects in severe primary knee deformities.**
- 2) He was invited as a host in live surgeries on:
- **Revision TKA Case-1 TC3,**
 - **Major Bone Loss-TC3 with stem extension ‘Augment/ bone graft.**
- 3) He participated in panel discussion on the following topics:
- **Knees- Problem Knees (Complex primary and revision,**
 - **Knees- Problem Case,**
 - **Hip –Problem Hip.**
- 4) He was also invited as a moderator for **Revision –THA –(Case 3-Post Sepsis Stage-II reconstruction (Corail or Solution stem/Pinnacle or ASR-XL).**

26. The Great Debate on “Early intervention in the Hip & Knee”, IMAX theatre, London (UK), 23rd-24th January 2009

Was invited as a faculty for a debate on “**Early intervention in the Hip and Knee**” by The Imperial College, London, at IMAX Theatre, Science Museum, London. He discussed on the topic of ‘**Obtaining high flexion after Total Knee Joint Replacement**’. The lecture was well received and appreciated by the members. Dr Mody is the first Indian doctor to have received such an invitation. The programme was attended by 350 Specialist Orthopaedic Surgeons from across the world.

27. 11th Annual Conference Scientific meeting of the Asia-Pacific Arthroplasty Society-APAS China, 4th-6th September 2009

Was invited as a faculty to deliver a lecture on:

- **‘Why is Aspirin not recommended for VTE Prevention: Insight overview, Guideline ACCP vs. AAOS’.**
- **Panel discussion on Grafting for primary tibial condylar defect**

28. Sigma Focus Panel Meeting Rome October 2009

Invited to deliver lectures on:

- **Professional education needs for TKR - The Indian Situation**
- **Implants for high function knees – The needs of the Indian Population**

29. 22nd Annual Congress of the ISTA 2009, Hawaii , October 22nd-24th 2009

Was invited to present a paper on: **Obtaining High Flexion using standard implants in TKR**

30. 1st EFORT (European Federation of Orthopaedics and Traumatology)- ASIA SYMPOSIUM, Bangkok, Thailand during October 2009

Was invited to talk on:

“Is the definition of a successful total knee replacement the same for an Asian patient as for European patient? - The Asian’s definition”

Consequences of different bearing surfaces (Moderator) - Arthroplasty Session

He also participated in the discussion on:

Current practice of thromboprophylaxis in orthopaedic surgery in different countries

31. 11th EFORT Congress 2010, Madrid, Spain, 2 – 5 June 2010

Was invited as a faculty to talk on:

What is a successful total knee replacement? -The Asian perspective.

32. 2nd EFORT Asia Symposium Preparation Meeting, Madrid , Spain, 3rd June 2010

Participated as a member of the Executive Committee for the 2nd EFORT Asia Symposium

33. 6th Congress of Asia Pacific Society on Thrombosis and Haemostasis, Bali, Indonesia 13-16th October 2010

Was invited as a speaker on: **Rivaroxaban after hip & knee replacement surgery.**

34. 2nd EFORT Asia Symposium , Taipei 3rd November 2010

Topics presented:

- **What is the rationale for choosing a knee prosthesis-value vis-a vis function- Asian perspective.**
- **Management of VTE**
- Moderator - Q&A and panel discussion on - **Management of post Thrombotic Syndrome**

35. 24th International Scientific Congress of Bangladesh Orthopaedic Society BOSCON 2011, at Dhaka, Bangladesh on 26 & 27 February 2011

Session 1

Was invited as a faculty to deliver lectures on:

- 1. Selection Of Implants.**
- 2. Primary Bone Cuts in TKR.**
- 3. Achieving High Flexion –Post TKR.**

Session 2

Live Surgical Demonstration of Total Knee Replacement surgery.

36. HOKUSAI Investigator Meeting in Athens, Greece, on 25th & 26th March 2011

Was specially invited to attend the above meeting as a clinical trial investigator

37. 12th EFORT Congress Copenhagen , Denmark, 1st June 2011 - 4th June 2011

Was invited as a faculty to talk on:

Ten year result of the All-Poly Monoblock Tibia in a population with high flexion postures as part of their routine Activities of Daily Living (ADL)

38. The Sixth International Congress of Chinese Orthopaedic Association 2011, & APAS 2011, Beijing, China December 2- 4th, 2011

Invited for a talk on:

Ten year results of the All-Poly Monoblock Tibia in a patient population with High flexion postures as part of their routine Activities of Daily Living (ADL)

39. The American Academy of Orthopaedic Surgeons (AAOS) 2012 Annual Meeting from February 7-11 in San Francisco, USA

Attended the above meeting

40. Complex Primary Hip and Knee Cadaver Course at Bangkok, Thailand, May 18-19, 2012

Delivered lectures on the following topics:

- **Course overview and objective (as a faculty)**
- **Approaches to Total Knee Surgery**
- **Wear and Fixation issues in Fixed Bearing- TKA**
- **Fixed Flexion Contractures & Total Knee Arthroplasty**
- **Challenges in correction- gross valgus with instability**
- **Case discussion**
- **Joint line level clinical significance in TKA**
- **Tips to avoid Patella Clunk**
- **Total Knee Arthroplasty in Obese patients**

41. Asia Pacific Arthroplasty Society (APAS) 14th Annual Conference, Mumbai, 23-25 August 2012

- Was invited as faculty to take part in a **debate on Fixed or Mobile Bearing** against Dr Fred Buechel. Dr. Mody talked on: **Why Fixed Bearing?**
- He was a panelist on the panel discussion on: **How do you minimise the risk of infection at each step?**
- He was a moderator in the session on: **The nitty-gritty of deformity correction: Varus**

42. ISTA, 25th Annual Congress, Sydney, Australia, 3-6 October 2012

-Dr. Mody was invited to present a paper in the session '**Knee Arthroplasty Outcomes**' on:

Ten Years of Results of the All-Poly Monoblock Tibia in a Patient Population With High Flexion Postures as Part of Their Activities of Daily Living (ADL)

43. International Joint Symposium on Advanced Medical and Human Assist Systems and on Technology in Arthroplasty for Floor Sitting Life Style, Saga, Japan, 8th March 2013

Dr. Bharat Mody was invited to give a **Plenary lecture** in the above symposium on:

The Impact of Patello-Femoral Joint Decompression in Achieving Safe High Flexion (greater than 135 degrees) After Total Knee Arthroplasty

Dr. Mody was the only invited faculty from India amongst others from Canada, USA, UK,

New Zealand, Indonesia, China, etc

44. 14th EFORT Congress, Istanbul, Turkey, 5th-7th June 2013

Dr. Mody was invited to present a paper on:

TKR in Young Adults

45. Asia Pacific Arthroplasty Society (APAS) 15th Annual Conference, Chengdu, China, June 2014

Dr. Mody gave a talk in the Hip/Knee Masterclass Workshop on:

High flexion Knee: Sigma RPF to PS 150

46. 26th World Congress of the International Society of Orthopaedic Surgery and Traumatology (SICOT), Rio de Janeiro, Brazil, 19-23rd November 2014

Dr. Mody presented two talks at this popular international conference:

- **Ten year results of the All-Poly Monoblock Tibia in a patient population with high Flexion postures as part of their routine Activities of Daily Living (ADL)**
- **The Management of Moderate and Severe Fixed Flexion Contracture During Total Knee Arthroplasty and the Natural History of Residual Deformity After The Surgery**

47. Asia Pacific Arthroplasty Society (APAS) 16th Annual Conference, New Delhi, India, 11-13th September 2015

Dr. Mody was one of the Organising Chairmen from India. He presented talks on:

- **The impact of patello-femoral joint decompression in achieving safe high flexion after TKA**
- **Revision of the unstable TKA**
- **Revision of massive bone defects in TKA**
- **How to transition from Primary TKA to Revision TKA**

Participated in **The Great Debate** for: **Case for cemented monoblock tibial tray**

He also chaired and moderated various sessions during the conference

48. IAA-ASIA Joint Annual Congress, Agra, India, 23-25th October 2015 Dr. Mody was the President and Organising Chairman of this conference.

He successfully conducted this conference with a large attendance of foreign delegates and foreign faculty apart from many national faculty members and delegates He moderated and chaired many sessions during the conference.

He also presented a talk on:

- **TKA in Young Adults-Evidence Review in Literature**

49. Asia-Pacific Arthroplasty Society (APAS) 17th Annual Conference, Penang, Malaysia, 25-28th August 2016

Dr. Mody was an invited faculty at this international conference. He presented various talks to the august audience from all over the world –

- **TKA in severe varus deformity**
- **Fixed flexion contractures and Total Knee Arthroplasty**

- TKA in Young Adults- what is the evidence?
- Revision of massive bone defects in Total Knee Arthroplasty
- An overview of epidemiology and chemo-prophylaxis for DVT in Arthroplasty

He also participated with other international faculty in the **Panel Discussion Session on – Complex Knee Cases**

50. ISKSAA Global Summit, 10th international congress, New Delhi, 20-23 November 2016

It is the largest Orthopaedic specialty event in India, attended by over 1500 delegates and addressed by 50 international and 100 national faculty

Dr. Mody was invited to moderate a session on:

Anticoagulation in Arthroplasty: Current Concepts

He also delivered a talk on:

- **Prevention of Venous Thromboembolism in Indians**

51. Live Webcast of Knee Replacement surgery conducted by Dr. Bharat Mody, organised by Maxx Orthopaedics, Worldwide, 17 June 2017

Dr. Mody gave a live demonstration of knee replacement surgery from Welcare Hospital, using the newly developed Freedom Knee, with the help of high end technology . This was transmitted live to the academic institute of Maxx Orthopaedics as well as to more than 300 Orthopaedic surgeons worldwide. It was followed by an interactive session where Dr Mody answered questions from the audience.

52. Asia-Pacific Arthroplasty Society (APAS) Annual Conference, Chennai, India, 18-20th August 2017

Dr. Mody was an **Honoured Guest Speaker** for the APAS Foundation talk on:

The Inside Scoop on Setting up a Health Facility for Improved Patient Outcomes

His above talk was applauded by everyone in the audience which comprised of national and international orthopaedic surgeons. He even got a request from a senior Australian Orthopaedic surgeon to allow his team to visit Welcare Hospital!

Dr Mody also delivered a talk on:

Dealing with severe flexion deformity in TKA

He chaired a session on: **Revision Knee PJI- Save the knee and the heartburn**

53. Linkademy International Revision Symposium - Hip & Knee Revisions: What are our challenges?, Berlin, Germany, 22-23 January 2018

It was an honour for Dr. Mody to be invited as a faculty in this prestigious international meeting which was attended by orthopaedic surgeons from many countries.

He delivered a talk on:

Managing the unstable knee

He also presented **Case Challenges** followed by table discussion and presentation of the solution

NATIONAL

1. Shoulder Instability

Delivered a lecture, on invitation as a faculty member, at the Continuing Medical Education course organised by the Ahmedabad Orthopaedic Society. April 1995.

2. Extra-articular upper femoral fracture fixation

Presented a lecture, on invitation as a faculty member, at the CME programme, organised by the Ahmedabad Orthopaedic Society, Jan. 1998.

3. Cemented THR in Young Adults.

Presented a talk as a faculty member, in the Workshop on Total Hip Replacement Arthroplasty under the aegis of Arthroplasty Society of India, New Delhi, October.1998.

4. Cemented THR in Young Adults

Presented an argument for the above topic during a session on controversies in Orthopaedics at the 16th Annual Conference of Gujarat Orth. Asso., Ahmedabad, Feb. 1999.

5. 100 cases of Arthroscopic surgeries

Presented a review of the first 100 cases of Arthroscopic surgeries performed at the Arthroscopy centre, Vadodara, at the Annual conference of IMA-Gujarat chapter, Mehsana-1998

6. General principles of joint replacement in hip

Presented a lecture on the above topic at the GOA PG-Lecture course-2000, SSG Hospital and Medical College, Baroda, August 2000

7. Infection Control in a Joint Replacement Centre

Delivered a talk on Infection control in the O.T. during joint replacement surgery, at the Medical Association meeting, Dahod, August 2000

8. Essential concepts about Joint Replacement Surgery

Presented a talk on the above topic at the Meeting of Nadiad Medical Association at Nadiad, 4th October, 2000.

9. Arthroscopy

Delivered a talk on Arthroscopy at the Endoscopy Update Meeting, organised by the IMA, Vadodara Branch, on 15th October, 2000.

10. The Injured Knee

Presented a talk on Knee Injuries, at the Sports Medicine Conference, held at Chennai, which was attended by eminent sports personalities, November 2000. Faculties included Dr. Mark Fergusson and Dr. Duplesis from South Africa and Dr. A. Jaeger from Germany.

11. Diagnosis and Management of Knee ligament injuries

Delivered a talk on the above subject at the Inaugural session of the 'National Post-Graduate Lecture Course' as part of the 46th Annual Conference of IOA (IOACON 2001), Ahmedabad, 17th December, 2001

12. Overseas Training: How useful?

Talked on this topic at the 46th Annual Conference of IOA (IOACON 2001), Ahmedabad, 19th December, 2001

13. Arthroplasty Brainstorm 2002

Was invited to participate in the Arthroplasty Brainstorm session, Apollo Hospital, New Delhi, October 2002

14. OT discipline and preparation of personnel

Gave lecture on the above topic in the symposium on 'Prevention of Infection at the Operative site' organised by the Baroda Orthopaedic Association, Baroda, on 14th September, 2003.

15. Bone Cuts in knee Arthroplasty

Gave lecture on this topic at the 5th Bi-ennial conference of Indian Arthroplasty Association, IAACON 2003, Kolkata, 26th – 28th September, 2003.

16. Current Trends in Total Knee Replacement

Was invited to talk on the above topic in the symposium on Arthroplasty, at the 20th MOACON 2003 CME, Goa, on 1st Nov., 2003

17. Achieving deep flexion in TKR and pre-operative investigations and management of unstable knee

Invited as faculty to deliver talks on above topics, in the workshop on Revision Knee Arthroplasty, IOACON 2003, Chennai on 16th – 17th Dec., 2003.

18. Bone defects in TKR – approach and management and How to achieve deep flexion after TKR

Invited as a guest lecturer to talk on above topics, at the symposium on Total Knee Arthroplasty, Indore, on 28th December, 2003. International faculty included was Dr. John Baird, from France.

19. How to achieve maximum flexion following Total Knee Arthroplasty.

Delivered a guest lecture on the above topic, at the 13th Annual Conference of MP Chapter, IOA, “ ORTHOCON 2004 ”, at Ujjain, India, 9th Oct. 2004.

20. “Handling Deformities –post Osteotomy / Multiple Operated” and “Wear & Fixation Bearing Knees”

Was invited as a faculty member to deliver talks on the above topics at the Pre - Conference Total Knee Replacement Workshop at IOACON 2004, held at Agra, on 14th Dec. 2004.

21. “Advances & Techniques in Joint Replacement Surgery.”

Was invited to present an interesting case at the 3rd Winter meet on the above topic, organized by The Ranawat Orthopaedic Research Foundation, New York, at Jaipur, 21st - 22nd January 2005.

22. “Bony cuts in TKR”

Was invited to present a talk on the above topic at GOACON 2005, 23rd Annual Conference of the Gujarat Orthopaedic Association, at Rajkot, February, 2005.

23. “Post HTO Knee”

Was invited to present a talk on the above topic at GOACON 2005, 23rd Annual Conference of the Gujarat Orthopaedic Association, at Rajkot, February, 2005.

24. “Bone defects and its management”

Was invited to present a talk on the above topic at GOACON 2005, 23rd Annual Conference of the Gujarat Orthopaedic Association, at Rajkot, February, 2005.

25. “Achieving high flexion”

Was invited to present a talk on the above topic at GOACON 2005, 23rd Annual Conference of the Gujarat Orthopaedic Association, at Rajkot, February, 2005.

26. Dealing with knee pain

Participated in a public forum for public awareness, organised by the Arthritis Foundation, in Surat, April, 2005

27. High Flexion TKA-It's Technique that matters.

Participated in the 7th Annual Conference of the Asia Pacific Arthroplasty Society held at Goa from 25th-28th August, 2005 and presented a talk on the above topic.

28. Preventive Knee Care.

Was invited to present a talk on the above topic at Welfare Hospital and Research Centre, Bharuch on 4th September, 2005 to the citizen of Bharuch.

29. Correction of Fixed Flexion Deformity

Was invited to present a talk on the above topic at Shalby Basic Arthroplasty Course, Ahmedabad on 5th March, 2006.

30. Bone Defects in TKA

Was invited to present a talk on the above topic at Shalby Basic Arthroplasty Course, Ahmedabad on 5th March, 2006.

31. Bone Cuts in Primary TKA

Was invited to present a talk on the above topic at Shalby Basic Arthroplasty Course, Ahmedabad on 5th March, 2006.

32. Achieve it with standard implants

Was invited as a faculty to deliver a lecture on the above topic at 'KNEE CONCLAVE 2006', Pune on 7th May, 2006.

33. 5 basic steps in revision

Was invited as a faculty to deliver a lecture on the above topic at 'KNEE CONCLAVE 2006', Pune on 7th May, 2006.

34. Revision Knee Arthroplasty surgery

Was invited as a faculty member to deliver a lecture by the Delta group on the above topic in India held at Hyderabad on 2nd December, 2006 and at Delhi on 3rd December, 2006. Delta group is an Australia based teaching group which conducts teaching seminars for orthopaedic surgeons in Asia Pacific region.

35. Currents trends in TKR

Was invited to deliver a lecture on the above topic by Baroda Orthopaedic Association on 10th December, 2006 at Hotel Taj Residency, Vadodara.

36. Revision Knee Replacement: How do I approach?

Was invited to deliver a lecture on the above topic by Baroda Orthopaedic Association on 10th December, 2006 at Hotel Taj Residency, Vadodara.

37. Dealing with Knee Pain

Participated in public awareness forum organised by the Arthritis Foundation , in Bardoli, on 30th December,2006.

38. Dealing with Knee Pain

Participated in public awareness forum organised by the Arthritis Foundation, at Palanpur , on 17th February,2007

39. Basic principles of Revision TKA

Was invited to deliver a lecture on the above topic at “Revision Arthroplasty Conclave”, Pune on 19th & 20th February’07.

40. Treatment approach to deal with bone defects in Revision Knee Arthroplasty

Was invited to deliver a lecture on the above topic at “Revision Arthroplasty Conclave”, Pune on 19th & 20th February’07.

41. Treatment of unstable TKA

Was invited to deliver a lecture on the above topic at “Revision Arthroplasty Conclave”, Pune on 19th & 20th February’07.

42. High Performance Revision Knee Solution.

Was invited to share the platform with International Faculty Dr Chit Ranawat, Chairman- Department of Orthopaedic Surgery, New York at the Revision Knee workshop held at Tata Theatre, NCPA, Mumbai organized by ‘Asia Pacific Arthroplasty Society’ on 27th September, 2007.

43. ‘Refining Surgical Technique’

Was invited as a faculty at Mumbai for 9th Annual Conference on ‘Refining Surgical Technique’ organized by Asia Pacific Arthroplasty Society from 27th -30th September, 2007.

44. ‘Revision TKR for aseptic loosening’

Was invited as a faculty to deliver a lecture on **‘Revision TKR for aseptic loosening’** in advanced Knee Arthroplasty Workshop on 4th December, 2007 at **52nd Annual Conference of Indian Orthopaedic Association** held at the Science City, Kolkata.

45. Knee Arthroplasty Workshop

Was invited as a speaker to deliver lectures on the topics of **‘Bone defect Management’**, **& ‘Revision of unstable TKR’** in Knee Arthroplasty Workshop from 4th April’08 to 6th April’08 at **XXVII Annual NZIOACON-2008 Conference** organized by India Habitat Centre, New Delhi

46. II International Conference of ISHKS (National Congress of Indian Society of Hip & Knee Surgeons)

Was invited as a moderator for the panel discussion on the topic of **“Difficult Primary TKAs- What would you do?”** and as speaker to deliver a presentation on **“Building up bone in revisions”** in Knee & Hip Surgeons Conference on 26th & 27th April’08 at Taj Coromandel, Chennai.

47. Ganga Operative Arthroplasty Course 2008 held at Ganga Hospital, Coimbatore, 15th – 17th May 2008

- Was invited as a faculty to deliver lectures with international faculties in the session on
- **Primary TKR-Complex situations**
- **‘TKR after HTO’ and ‘Managing bone loss in Primary TKR’.**

was also invited as a moderator during the live surgery workshop

48. Essential Skill Set for Revision and Complex Primary Hip & Knee Arthroplasty Course

Organized by a Delta Foundation with Max Institute of Orthopaedics & Joint Replacement on 9th & 10th Aug’08 at Max Super Speciality Hospital, Saket New Delhi.

Was invited as a faculty to deliver lecture on the topic of:

‘Essential Skill Set for Revision and Complex Primary Hip & Knee Arthroplasty

49. 3rd Annual Conference – Indian Society of Hip & Knee Surgeons on 2nd and 3rd May 2009 at India Habitat Centre, New Delhi

Delivered a lecture on

‘Arthroscopic Interaction-Chondral Surgery’.-What literature says

Also invited as one of the panellists on the discussion

Difficult Primaries-Defining Optimization

DVT- what really works

50. Advanced Arthroplasty course, Mumbai, September 2009

Was invited as a faculty by Johnson & Johnson Medical Pvt Ltd, Mumbai, to deliver lectures on:

Clinical significance of Joint Line’, - ‘Handling bone loss-metal wedges & bone grafting ‘Achieving high flexion in TKR’ - ‘Extreme Varus cases’

51. SBKSMIRC& Dhiraj General Hospital, Pipariya on 9th and 10th January 2010

Was invited to deliver a lecture.

52. 4th Joint Replacement State of Art(JRSOA) conference at Delhi on 6th & 7th February 2010.

Was invited to deliver lectures at the scientific programme on:

High Flex Knee- How much is too much?

DVT prophylaxis- Current Trends

Was invited to chair the session on Hip joint replacements

53. 4th International Conference of ISHKS (National Congress of Indian Society of Hip & Knee Surgeons) Ahmedabad from April 9th to 11th 2010

Was invited to deliver a lecture at the scientific programme-

Where does All- poly tibia stand?

54. CME programme organized by Department of Orthopaedics Govt. Royapettah Hospital, Chennai on May 29th 2010

Was invited to deliver lectures on:

TKR in severe flexion contracture and ankylosed knee

Achieving high flexion in TKR-all about surgical techniques

55. 12th Asia Pacific Arthroplasty Society (APAS) Annual Meeting 16th-19th September 2010 at Delhi. (VTE Sessions)

Was invited to deliver lectures on:

VTE epidemiology in Asia Pacific

New trends in the management of VTE prophylaxis

56. 5th Annual Meeting of ISHKS 2011 at Bengaluru on 8th April to 10th April 2011.

Was invited as faculty to deliver lecture on:

Challenges in TKR-Decision making in choosing the right implant.

57. JRSOA Meeting at Hyderabad 16th-17th September 2011, 17th September 2011

Session 1 : **As a Chairperson**

Was invited as faculty to deliver lecture on:

Session 3 -**TKR in the Valgus Knee- Options & Outcomes**

Session 4**Common causes of failure in TKR**

58. WBASCON Scientific Programme, 5th & 6th November 2011, Kolkata 5th November 2011

Session 1 - As a Moderator:

Panel discussion & Interactive Session- on cases of THR

Was invited as faculty to deliver lectures on:

- **Bone cement and cementing technique**
- **Proximal or fully Hydroxyapatite coated system**
- **Short or long femoral stem**
- **Management of Complications- during and after THR**

6th November 2011

Delivered lectures on:

- **Achieving high flexion after TKA**
- **As a Panelist-Panel discussion & Interactive Session**

Cases of brain storming.

59. 10th Winter Meeting of the Ranawat Orthopaedic Conference (ROC) 19th & 20th January 2012, Pune

Was invited to deliver lecture on :

DVT prophylaxis in TKR

60. “The Talk Show” at the Depuy National Sales Training Meeting on 31st January 2012 Mumbai.

Was invited as a Celebrity Speaker in the Sales Training Meeting organized by DePuy, J&J, India

61. Sparsh Arthroplasty Course , 10th & 11th March, 2012, Bangalore

Was invited as faculty to deliver lectures on:

1. **Implant selection**
2. **Correction of varus**

62. IGOF Master’s Course, Government Medical College, Baroda March 31, 2012 & April 1, 2012

Delivered a lecture on :

Achieving High Flexion after TKA

63. 6th National Congress of ISHKS 13th April- 15th April 2012, Hyderabad

Delivered a lecture on:

How to acquire the skillset to become an Arthroplasty Surgeon

64. Masters in Arthroplasty Course , Indore, 28-29th April 2012

Lectures delivered:

- **Bone defects in Total Knee Replacement**
Approach and Management
- **Achieving high flexion in Total Knee Replacement**
- **CoCr Tray with XLK Poly**

65. Basic and advanced Knee Arthroplasty Meet, Rajkot, 6th May 2012

Lectures delivered:

- **Bone defects in Total Knee Replacement- Approach and Management**
- **Achieving high flexion in Total Knee Replacement**
- **CoCr Tray with XLK Poly**

66. BOA Arthroplasty Symposium, Baroda, 12th August 2012

Dr. Mody was the **Organising Chairman** of this symposium.

He delivered lectures on:

- **Bearing Surface –the true new frontier**
- **Bone defect - A ditch too deep**
- **A new approach to management**
- **Video presentation: Step by step surgical technique of TKR-how I do it**

67. WBASCON, Kolkata, 8-10th September 2012

Dr. Mody was invited as a faculty to deliver a talk on:

- **Role of CoCr trays and XLK poly in high performance knees**
- **My TKRs always have good flexion**
- **Bone defects in knee- Approach and Management**

68. CAD(Challenges and Debates in Complex Arthroplasty) 2012, Mumbai, 27-28th October 2012

Dr. Mody was invited as a faculty to deliver a talk in the ‘Knee Session’ on:

Challenges in choosing implants

He was a moderator in the session on- **Revision TKA-Difficult Scenario**

69. IOACON, Chennai, 13-15th December 2012

Dr. Mody was invited as a faculty to give a talk in the **Symposium on ‘New Frontiers And Development in Total Knee Replacement Surgery’ on: Options in bone loss**

70. 31st Annual Conference of Gujarat Orthopaedic Association, GOACON, Rajkot, 8-10th February 2013

Dr. Mody was a panelist in the session on:

Post-prosthetic infections-The Dirty Picture

71. Basic Arthroplasty Course, DePuy J&J, Mumbai, 5th – 6th April 2013

Dr. Mody was invited as a faculty to deliver lectures on:

- Patient comes first- The Indian patient perspectives, FAQ, counselling and managing expectations
- Concepts behind TKR -Basic Biomechanics & Kinematics of TKR Implant Selection/Knowing your implant
- In the OT- Surgical technique/steps-FFD

72. 7th Congress of Indian Society of Hip & Knee Surgeons (ISHKS), Kolkata, 26th-28th April 2013

Dr. Mody was invited as a faculty to deliver a lecture in the Knee Session on Fixed Bearing TKA:

Wear Reduction in Fixed Bearing TKA

He also chaired the Knee session on Mobile Bearing TKA

73. National Advisory Board Meeting of Boehringer Ingelheim India, Mumbai, 19th May 2013

Dr. Mody was invited as a member of the board to help in shaping the prevention strategies of VTE following major Orthopaedic surgeries and to set the road map for Pradaxa in India.

74. Biorad Signature Product Launch, Pune, 20th July 2013

Dr. Mody was specially invited to give a talk on:

- **TKR revision in Indian Set-up-Things I want and things I don't get**

75. Ganga Operative Arthroplasty Course, Coimbatore, 23-26 May 2013

Dr. Mody was invited as a faculty to give a talk on:

DVT prophylaxis in TKR- Currents thoughts in Indian Scenario

He also gave a **live surgical demonstration** in a case of

- Infected TKR with Spacer insitu - revision TKR

76. Sunshine Sparsh Advanced Arthroplasty Course Aug-31st - Sept 1st 2013.

Dr. Mody gave the **keynote address** on the topic:

How to graduate from a Primary Knee Surgeon to a Revision Knee Surgeon

He also demonstrated a **live Revision Knee Surgery**

77. 6th Joint Replacement State Of Art(JRSOA)Conference, GOA, September 2-4th 2013

Dr. Mody was invited as a speaker to deliver a talk in the Knee Session on: **Osteolysis as a failure mode – are we under diagnosing the issue?**

78. Indian Arthroplasty Association (IAA) Meet, Jaipur, 15-17 November, 2013

Dr. Mody debated on the topic:

All Marks to All Poly

He also moderated the session on:

SPECIAL CHALLENGES AROUND KNEE ARTHROPLASTY

79. INDO UK TOTAL KNEE ARTHROPLASTY Course at 58th Annual Conference of Indian Orthopaedic Association IOACON, Agra, 3-8th December 2013

Dr. Mody was a special invitee along with many surgeons from UK. He gave a talk on:

Selection of Implants in TKA

80. OSSAPCON 2014, 43rd Annual State Conference of Andhra Pradesh, Mahbubnagar, 8th March 2014

Dr. Mody was invited to chair a session on **Hemiarthroplasty and Musculoskeletal wound Irrigation**

He also gave a talk on: **Total Knee Arthroplasty in FFD**

81. North Zone Orthopaedic Association, 33rd Annual Conference (NZOACON), Amritsar, 21-23rd March, 2014

Dr. Mody was invited as a guest faculty to deliver talks on:

Difficult Primary TKR

Basic Steps in Revision TKR

82. 8th Annual Congress of Indian Society of Hip & Knee Surgeons, ISHKS, Pune, 11-13th

April 2014

Dr. Mody was invited as a faculty to give a talk on:

TKA in Young: What's the evidence?

He was also a faculty in the session on **Revision TKR: Clinical cases**

83. National Orthopaedics Advisory Committee Meeting, Bayer Ltd., held in Mumbai on 12th July, 2014

Dr. Mody chaired the above meeting with the following objectives:

- Gain understanding of the clinical relevance of the International VTE prevention guidelines for orthopaedic patients in India
- Derive expert consensus to enhance optimal implementation of thromboprophylaxis after major orthopedic surgery

84. IAACON, Madurai, 31 Oct.-2nd Nov. 2015

Dr. Mody was a national faculty and gave a talk on-

Soft Tissue balancing in TKR

85. 1st ICJR India Congress, NCR-Delhi, 5-6th December 2014

Dr. Mody was an invited faculty at this conference and gave the following talks:

- **All Poly Tibia implants in TKA**
- **Obtaining high flexion in TKA**

He also chaired the session on **Revision TKA**

86. Annual Conference of Bombay Orthopaedic Society, WIROC 2014, Mumbai, 26-28th December 2015

Dr. Mody was a guest faculty and was asked to give his expert opinion in the session:

Challenging Cases- Joint Replacement (Arthroplasty)

87. 9th Annual Congress of Indian Society of Hip & Knee Surgeons, ISHKS, Mumbai, 10th-13th April 2015

Dr. Mody was an invited national faculty and gave a talk on:

- **TKR in Unstable Primary Knees**

He was the moderator for the Keynote Address given by international faculty Dr. Harry Rubash and Dr. Thomas Bernasek

He was also the panelist in the Basic Knee Case Discussions (4 cases)

88. ISHKS Certified Arthroplasty Course, New Delhi, 27-28th June 2015

Dr. Mody was invited as a faculty to give lectures on the following topics-

- **Role of Arthroscopy in OA Knees**
- **All Poly TKR**

DVT in joint replacement (pathophysiology, risk factors, guidelines and competitions)

89. AOTCON, Academy of Orthopedics and Trauma Conference, Goa, 3-5th July 2015

Invited as a national faculty to participate in this conference:

- Gave talks on: **Late Infection in TKR**
: Mid-Flexion Instability
- Participated in: **Debate on: Fixed Bearing vs. Mobile Bearing**

Panel discussion on Office Practice

Arthroplasty Case discussions

90. WIROC Grande 2015, Mumbai, 24-26th December 2015

Invited for an interesting debate vs. Dr. Rajesh Maniar on:

All Poly for All Knees- Dr. Mody talked in favour of this topic

91. Ranawat Orthopaedic Conference ROC 2016, Bangalore, 14-16th Jan. 201

Invited as a national faculty to give a talk on:

DVT Prophylaxis in TKA

Was a Panel Member with international faculty during the panel discussion on:

Review of Complications in TKA

92. 10th Annual Congress of Indian Society of Hip & Knee Surgeons, ISHKS, Chennai, 8-10 April 2016

Invited as national faculty to give a talk on:

Impact of patello-femoral kinematics on Functional outcomes of TKA

Was a moderator for the Session: Kinematics of the knee with Dr. Peter Ritschl from Austria

Participated in the 'National Orthopaedic Advisory Committee Meet-NOAC 2016' as an expert to discuss about prevention of VTE following Knee & Hip Arthroplasty

93. NAVRATNA Course, DePuy Synthes Institute, Bangalore, 15 May 2016

Invited as a teaching faculty to impart lectures and conduct cadaveric surgical demonstrations of Knee & Hip Arthroplasty for Orthopaedic surgeons, as a part of this advanced teaching course

94. Heritage Meeting, DePuy Synthes, Gurgaon, 10-12th June 2016

Specially invited as one of the only four Indian faculty at this national level meeting on Knee & Hip Arthroplasty. He shared the podium with international stalwarts in the Arthroplasty field, Dr. C. Ranawat, Dr. Bernasek and Dr. Graichen.

He debated against Dr Ranawat in **The Philosophy Debate** on:

Fixed Bearing vs. Mobile Bearing (Dr. Mody spoke in favour of Fixed Bearing)

He also moderated knee sessions on:

- **Final 20 per cent in TKA**
- **Challenges in Knee Revision**

95. CONTAS, Conclave on Trauma, Arthroplasty & Spine, Mumbai, 19th June 2016

He was the **chairperson of the Arthroplasty Session** and shared the stage with stalwarts in this field.

He also delivered a talk on:

Things go wrong in spite of good intention - case discussion about intra/post-operative complications

96. Live Surgery Workshop, Total Knee Replacement, conducted at Welcare Hospital, Vadodara, 21 August 2016

Dr. Mody was selected as the sole faculty to demonstrate live TKR surgeries to Orthopaedic surgeons in 12 cities across the country. He used state of the art digital infrastructure and technology available at Welcare hospital. This was very well received and applauded by over 100 surgeons who participated from states like Kerala, Karnataka, Assam and Uttarakhand and learnt the finer aspects of TKR thru tele-conferencing, relayed from Welcare hospital.

97. Innovation in Total Hip Arthroplasty, Ceramtec, Vadodara, 25 September 2016

A half day academic seminar under the aegis of Indian Arthroplasty Association, in which Dr. Bharat Mody was invited as the **Course Director** of the academic session.

It was attended by many orthopaedic surgeons who were extremely satisfied with the enriching experience and knowledge gained on the subject.

98. Elite Arthroplasty Congress 2016, Chandigarh, 8-9 October 2016

Dr. Mody was specially invited to preside over as a Panel Master in the sessions on:

- Revision TKR
- Newer Technology- Fads or Future?

99. Peri-prosthetic Joint infection (PJI) Symposium, Mumbai, 20 November 2016

Dr. Mody was invited as a faculty member to address a gathering of Orthopaedic surgeons of India on PJI. He gave lectures on-

- **Operation Theatre Design**
- **Laminar Airflow**
- **Ideal CSSD Protocols, theatre disinfection**
- **Culture negative PJI, Conditions mimicking PJI and diagnosis of PJI in inflammatory conditions**

He also moderated a session on- **Surgeon Protocol**

100. Confluence - Latest Trends in Modern Hospitals & HVAC, Seminar, Ahmedabad, 17 December 2016

Dr. Mody was a specially invited speaker in this seminar organised by **ASHRAE** (American Society of Heating, Refrigerating and Air-Conditioning Engineers). He gave an interesting talk on : **New Age Modular Operation Theatres**

His talk was applauded and very well received by the audience. *He became a star speaker in this conference of engineers!*

101. 5th Master's Course on Arthroplasty, Meril Academy, Vapi, 3-5 Feb. 2017

Dr. Mody was the Course Director at this reputed course on Arthroplasty, organised for Orthopaedic surgeons from India and abroad. It was attended by a large number of practising and young orthopaedic surgeons. Dr. Mody's talks, moderations and panel discussions were highly appreciated and applauded by one and all.

- **Keynote : How to transition from a primary to revision surgeon**
- **Panel Master- Fads Or future in Arthroplasty**
- **Panel Discussion – Interesting and challenging cases**
- **Moderator- Live Primary PS Freedom Knee Surgery**

102. 11th Annual Congress of Indian Society of Hip & Knee Surgeons, ISHKS, New Delhi, 7-9 April 2017

Dr. Mody was an invited faculty in this prestigious national conference on joint surgery.

He was a panelist in the Symposium on **UNI KNEE**

He also presented an interesting case of **Revision Knee Replacement surgery**.

He moderated the session on – **Clinical Cases – Knee**

He gave a video presentation on **Link Hinged Knee**

103. Rivaroxaban- National Orthopaedic Advisory Committee Meet, New Delhi, 7 April 2017

Dr. Mody was specially invited to participate and give his expert opinion in this meeting which focussed on:

Prevention of Venous Thromboembolism following THR/TKR

104. NAVRATNA Course, DePuy Synthes, M. S. Ramaiah Institute, Bangalore, 20 April 2017

Invited as a teaching faculty to impart lectures and conduct cadaveric surgical demonstrations of Knee & Hip Arthroplasty for Orthopaedic surgeons, as a part of this advanced teaching course.

The subject was:

An introduction to Complex Primary & Revision arthroplasty

105. Awareness Session on Green Healthcare Facilities, Indian Green Building Council (IGBC), Ahmedabad, 02 May 2017

Dr. Mody was specially invited by IGBC as a faculty to deliver a lecture on:
Use of Science of Sciography for Energy Efficient Sustainable Hospitals

He also participated in a panel discussion on:

The art of care: “creating compassionate places and environments”

He addressed a select audience of architects, engineers and healthcare professionals amongst others. His talk and expert views on green healthcare were very well received by the well informed audience.

106. CONFLUENCE- 12th Conference, Indoor & Outdoor Air Quality Management, Ahmedabad, 1 September 2017

Dr. Mody was a specially invited panellist in this conference organised by **ASHRAE** (American Society of Heating, Refrigerating and Air-Conditioning Engineers). He participated in the panel discussion on:

Indoor Air Quality for Healthcare Facilities

His viewpoints, discussions and suggestions were unanimously applauded and praised by the august audience which consisted of past presidents of ASHRAE, as well as CEOs of renowned companies like Hitachi, Daikin, Voltas and many more.

107. Elite Arthroplasty Congress EAC-ISKSAA Combined Global Summit 2017 Chandigarh, 6-8 October 2017

Dr. Mody was an invited faculty in this global summit on latest updates in techniques of Arthroplasty and Arthroscopy. He delivered a talk on-

Achieving High Flexion in TKA – surgical technique or implant design?

He was a **Panel Master** in the **Symposium on DVT**

He was a **panelist** in- **Symposium on Tribology**

Moderated a session on- **Complications during & after TKA**

108. Meril Live Symposium, Signature Edition, Ahmedabad, 16-17 December 2017

Dr. Mody was invited as a **keynote speaker** in this symposium for Orthopaedic surgeons.

He gave an interesting talk on the features of the Asian Knee implants made by Maxx Orthopaedics and quizzed other surgeons on their opinion about this knee.

109. Emerging Trends in Fire Safety & Security for Hospitals, organised by FSAI (Fire & Security Association of India), Ahmedabad, 19 December 2017

Dr. Mody was the **keynote speaker** invited by the FSAI in this national seminar organised by the Gujarat chapter.

He talked on:

Fire Safety & Security management in a hospital (case study of Welcare hospital)

110. Schneider Electric Innovation Summit, New Delhi, 19-20 March 2018

Dr. Mody was invited by Schneider Electric Automation Company as an expert panelist at their Innovation Summit 2018. He participated in the session- **‘Enabling Digital Hospitals’** for making Healthcare facilities more intelligent, safe and sustainable

Dr. Mody is acknowledged as an expert in understanding the use of modern methodology in engineering infrastructure as applied to healthcare.

111. 2nd India Tribology and Advanced Technologies Summit, New Delhi, 24-25 March 2018

Dr. Mody was invited to be an expert panellist faculty to participate in panel discussions, cases and interactive sessions between all the Experts (including some experts from our neighbouring countries)

The agenda spanned discussions on:

- Newer R&D in Tribology
- Advanced technologies and the latest developments in the field of arthroplasty
- Creation of the first Indian white paper / multi-consensus document on the implications of Tribology in our practice (aiming at indexed journals).
- Release of the first compendium on Tribology based on last year’s summit for dissemination across India!

112. 12th National Congress of Indian Society of Hip & Knee Surgeons, ISHKS, Ahmedabad, 13-15 April, 2018

Dr. Mody was an invited national faculty in this prestigious meeting of Arthroplasty Surgeons from India and abroad. He delivered a talk on-

Mono block tibia – Should you go back?

This was part of the session: **Designs & Bearing Surfaces in TKR**

He was a **Panelist** for the session: **What Do I Do? Revision Knee Cases**

He was also a **Panelist** during the **live surgical demonstration of:**
Robotic Assisted TKR – Smith & Nephew

International Designer Surgeon Meetings

1. One K Challenge Meeting

Venue : Chengdu Regal Master Hotel, Chengdu, China

Date : November 11 -12, 2010

2. Participated as Designer Surgeon on the MEERKAT Project by DePuy J&J.

Venue : Shenzhen, China

Date : September 2- 4th, 2011

3. Participated as Designer Surgeon on the MEERKAT Project by DePuy, J&J

Venue : Beijing, China

Date : December 1, 2011

4. Participated as Designer Surgeon on the MEERKAT Project by DePuy, J&J

Venue: Chengdu, China

Date: 3-4th November 2012

The Meerkat Project

Dr Mody is the Lead Designer Surgeon for this project sponsored by DePuy, J&J. It is an extremely important project involving the development of a market appropriate instrument set for the Asia Pacific market. The challenge given to the designer surgeons was to evolve an instrument set which will have all the features of safety and surgical reproducibility required to enable a high efficiency surgical act of Total Knee Arthroplasty, and yet bring down the cost of the instrument set from the existing US \$ 30,000/- to around US \$ 5000/- or near abouts.

The project has been successfully completed and is to be launched soon. It is expected to be a game changer in terms of the ability to provide high quality instruments to surgeons in rural settings in countries like India and China, thus extending the benefits of TKA to millions of patients.

CLINICAL RESEARCH

Clinical Research participation as Principal Investigator in the following Clinical Trials:

1. **RECORD 4 STUDY: RE**gulation of Coagulation in **OR**thopedic Surgery to Prevent **DVT** and **PE**; a controlled, double-blind, randomized study of BAY 59-7939 in the prevention of VTE in subjects undergoing elective total knee replacement.

Sponsor: **Bayer Pharmaceutical Corporation, West Haven, USA**

CRO : **Kendle India Pvt. Ltd., Gurgaon**

Year : **2007-2008 - completed**

At Global level

2. **Panbio/CR/0092006/CT:** Efficacy and safety of Nimesulide extended release tablets in symptomatic treatment of osteoarthritis Knee: a double blind randomized controlled comparison with placebo and Diclofenac sustained release tablets.

Sponsor: **Panacea Biotec Limited, New Delhi**

CRO : **Lambda Therapeutics Research Ltd., Ahmedabad**

Year : **2007-2008**

Indian

3. **ADVANCE 2 STUDY: CV185-047:** A Phase 3, Randomized, Double-blind, Active-controlled (Enoxaparin 40 mg QD), Parallel-group, Multi-center Study to Evaluate the Safety and Efficacy of Apixaban in Subjects Undergoing Elective Total Knee Replacement Surgery.

Sponsor: **Bristol Myers Squibb Pharmaceutical Research Institute, Lawrenceville, New Jersey, USA**

CRO : **Bristol Myers Squibb Pharmaceutical Research Institute, Mumbai**

Year : **2008**

At Global level

4. **SAVE-HIP 2 EFC10343:** A Multinational, Multicenter, Randomized, Double-blind study comparing the Efficacy and Safety of AVE5026 with enoxaparin for the Extended Prevention of Venous Thromboembolism in Patients Undergoing Hip Fracture Surgery.

Sponsor: **Sanofi-Aventis Research & Development, France**

CRO : **Sanofi-Aventis Research & Development, Mumbai**

Year : **2008**

At Global level

5. **SAVE-HIP 3 EFC10636:** A Multinational, Multicenter, Randomized, Double-blind study comparing the Efficacy and Safety of AVE5026 with Placebo for the Extended Prevention of Venous Thromboembolism in Patients Undergoing Hip Fracture Surgery.

Sponsor: **Sanofi-Aventis Research & Development, France**

CRO : **Sanofi-Aventis Research & Development, Mumbai**

Year : **2008**

At Global level

6. **RENOVATE** as **Principal Investigator** in the **1160.64**: A phase III randomized, parallel group, double – blind, active controlled study to investigate the efficacy and safety of oral 220 mg dabigatran etexilate (110 mg on the day of surgery followed by 220 mg once daily) compared to subcutaneous 40 mg enoxaparin once daily for 28-35 days in prevention of venous thromboembolism in patients following primary elective total hip arthroplasty (RE-NOVATE II).

Sponsor: **Boehringer – Ingelheim Pharma GmbH & Co. KG, Biberach, Germany**

CRO : **SIRO Clinpharm Pvt. Ltd., Mumbai**

Year : **2008**

At Global level

7. **ONYX 3** A Randomized, Double-Blind, Double-Dummy, Parallel Group Study to Compare YM150 bid and qd Doses and Enoxaparin for Prevention of Venous Thromboembolism in Subjects Undergoing Elective Hip Replacement Surgery

Sponsor : **Astellas**

CRO : **ICON**

Year : **2009**

At Global level

8. An open label, balanced , randomized, multicentre, multiple –dose, two period, two- Treatment, two-sequence, steady state, crossover comparative bioequivalence study of two Formulations of Azathioprine in adult patients with Rheumatoid Arthritis (RA)

Sponsor : **Orion Corporation**

Orion Pharma

CRO : **Accutest Research Laboratories (I) Pvt Ltd**

Year : **2009**

At global level

9. A phase 3 randomized, double blind, double dummy, parallel group, multi center, multinational study for the evaluation of efficacy and safety of heparin/edoxaban verses heparin/warfarin in subjects with symptomatic deep-vein thrombosis and/ or pulmonary embolism.

Sponsor : **Daiichi Sankyo**

CRO : **Quintiles**

Year : **2010**

At global level

10. A phase III, Multi-Centre, Randomised, Double –Blind, Placebo-Controlled, Parallel Group Study of Two Dosing Regimens of Fostamatinib Disodium in Rheumatoid Arthritis Patients with an inadequate Response to DMARDS.

Sponsor : **Astrazeneca**

CRO : **Quintiles**

Year : **2011**

At global level

11. A phase II b, 12 week Randomized, Double Blind, Parallel Group, Placebo- Controlled study to evaluate efficacy, safety and tolerability of 2, 4 and 6 mg of Revamilast in patients with Active Rheumatoid Arthritis who have had an inadequate response to Methotrexate

Sponsor : **Glenmark Pharmaceuticals SA**

CRO : **Kendle**

Year : **2012**

At global level

12. A six month, Randomised, double-blind, Placebo controlled, parallel group multicenter study to evaluate the efficacy and safety of Denosumab in Indian postmenopausal women with osteoporosis.

Sponsor : **GlaxoSmithKine Pharmaceuticals Limited**

CRO : **GlaxoSmithkine Pharmaceuticals Limited**

Year : **2012**

At global level

13. A Multi-Center, Double-Blind, Vehicle-Controlled, Parallel-Group Study Comparing a Generic Diclofenac Sodium Topical Gel, 1% to Voltaren® Gel (Diclofenac Sodium Topical Gel) 1% in the Treatment of Subjects with Osteoarthritis of the Knee

Sponsor: **Amneal Pharmaceuticals**

CRO: **Amneal Pharmaceuticals**

Year: **2014**

India

14. An open label, balanced, randomized, multi-centre, two treatment, two sequence, crossover study to evaluate the bioequivalence of Azathioprine 50 mg Tablets of Alkem Laboratories Ltd., India compared to Imuran® 50 mg Tablets of Prometheus Laboratories Inc., USA in adult Rheumatoid Arthritis patients.

Sponsor: **Alkem Laboratories Limited**

CRO: ClinSync

Year: **2015**

India

15. A Randomized, Double-Blind, Placebo-controlled, Two-arm, Parallel Assignment, Multi-centered, Prospective Study to compare the effect of the drug Teriparatide as an adjunct to the standard of care in fracture healing

Sponsor: **Intas Pharmaceuticals Limited**

CRO: Lambda

Year: 2015

India