

CURRICULUM VITAE

Name	Dr. Maulin M. Shah
Date of Birth	September 12, 1977
Place of Birth	Ahmedabad, India.
Address (Residence)	104, Kala Executive, Beh. Yash Tower, Satellite, Ahmedabad - 380015 Gujarat, INDIA.
Address (Hospital)	<u>Ortho Kids Clinic</u> 1st-2nd Floor, Kamdhenu House, Bes. Kamla Kamdhenu Hall, Opp. Apang Manav Mandal, Drive-in Road, Memnagar, Ahmedabad-380 052, Gujarat, INDIA.
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Nationality	Indian
Marital Status	Married
Passport Number	B- 3528167
MCI Registration Number	G-32050 {M.B.B.S.}, G-12263 {M.S.}
Life Membership	Ahmedabad Orthopedic Society, Gujarat Orthopedic Association,

	Baroda Orthopedic Society, Indian Academy of Cerebral Palsy, Indian Medical Association, Indian Academy of Pediatrics, Pediatric Orthopedic Society of India, Indian Rheumatology Association.
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ACADEMIC RECORD

Examination Passed	Month and Year of Passing	Institute / University	Marks Obtained	Remarks
I. Schooling				
Secondary School Certification	May, 1992	Gujarat SSC Board, Ahmedabad, India	82%	
Higher Secondary School Certification	Mar., 1994	Gujarat 3nHSC Board, Ahmedabad, India	86%	
II. Graduation				
First Year MBBS	Dec., 1995	Shri M.P. Shah Medical College, Jamnagar, Saurashtra University, India.	65%	
Second Year MBBS	Nov., 1997	Smt. NHL Mun. Medical Colledge, Ahmedabad. Gujarat University, India	72%	Secured Second Rank in the University
Third Year MBBS	June, 1999	Smt. NHL Mun. Medical Colledge, Ahmedabad. Gujarat University, India	66%	Secured Second Rank in the University
III. Post Graduation				
MS (Orthopedics)	May, 2003	Sheth K.M. School of Post Graduate Medicine and Research & Sheth V.S. General Hospital, Ahmedabad, India.	66.8%	Secured First Rank in the University and awarded Gold Medal for the year 2002-03
DNB (Orthopedics)	Nov., 2004	National Board, India		

PROFESSIONAL EXPERIENCE

Name of the Institution and Position Held	Period	Nature of assignments handled
Consultant Pediatric Orthopedic Surgeon, OrthoKids Clinic, Ahmedabad. Polio Foundation,Ahmedabad. Sterling Hospitals, Ahmedabad.	September-2009 onwards.	As Orthokids team we are treating all Pediatric Orthopedic issues of children.
Clinical Fellow, Dept. of Orthopedics, Hospital for sick children, Toronto, Canada	January-2008 to July-2009.	I have been assigned to different clinical rotations like Pediatric hip, Pediatric spine, Cerebral Palsy, Deformity correction, Pediatric foot, Pediatric tumors & Neuromuscular disease management. I am involved in conducting elective surgeries under the guidance of staff physicians & taking residents through emergency pediatric trauma surgeries. I am also involved in Resident teaching & clinical research project.
Visiting Observer, Dept. of Orthopedics, Boston Children's Hospital, Massachussetts,USA	June 2-6, 2008	I observed Dr.Peter Waters in his Brachial plexus palsy & upper extremity practice.
Consultant Pediatric Orthopedic surgeon, Sterling Hospital & Amardeep children's Hospital, Ahmedabad, India.	January-, 2007 to December-2007	Sterling Hospital is a 200 bedded corporate hospital. It comprises of different super specialty units in different medical branches. Orthopedic department is divided in to trauma, arthroplasty, spine & pediatrics subspecialties. I have been selected as consultant Pediatric Orthopedic Surgeon. I am looking after all variety of Pediatric Orthopedic problems here. Amardeep Children's Hospital is a Pediatric Surgical hospital. It comprises of good pediatric set up with availabilities

		of sound post operative care through intensive pediatric & neonatal care units. I am a part of team of Pediatric Surgeons.
Visiting Observer, Department of Pediatric Orthopedics, Cincinnati Children's Hospital, Cincinnati, USA.	December 1, 2006- December 16, 2006.	At CCHMC, I had an opportunity to observe Dr. Alvin H. Crawford in his clinical practice. I observed the Pediatric Spinal deformities correction, Video assisted thoracoscopic surgeries & advanced spinal instrumentations. I also attended the neurofibromatosis & tumor clinics. I presented my scientific paper based on Congenital Kyphosis & associated spinal dysraphism at one of the conferences. I could also share some time with Dr. Walls in his Pediatric sports medicine practice & could observe few arthroscopic surgeries.
Visiting associate, Department of Pediatric Orthopedics, University of Iowa Hospitals & Clinics, Iowa, USA.	October, 2006 to November, 2006.	At UIHC I worked with Ignacio V. Ponseti, MD and learned the technique of clubfoot correction directly from him in great details. I assisted Fredric Dietz, MD in the management of relapsed or lately presented clubfeet. I worked with Dr. Stuart Weinstein in his clinics, ward rounds and operation schedules. I had an opportunity to observe his principles & technique of treating Pediatric spinal deformities. I could also come across treatment principles regarding developmental dysplasia hip & Perthe's disease under luminous guidance of Dr. Weinstein.
Clinical Fellowship at Children's Orthopedic Hospital, Mumbai, India	September, 2005 to September, 2006.	Children's Orthopedic Center is a Pediatric Orthopedic Hospital based at Mumbai, India. This is a private hospital looked after by Johari Medical Research Foundation. All types of Pediatric Orthopedic problems are treated here by Dr. Ashok Johari. Dr. Johari is the President of Pediatric Orthopedic Society, India. Here I assisted him in evaluation and management of developmental and congenital problems, Cerebral Palsy management, Limb Lengthening & Deformity Correction, Pediatric Trauma

		and Infections, Pediatric Spinal Deformity correction. I also carried out some research projects under Dr.Johari's guidance here.
Consultant Orthopedic Surgeon at Sabiha Sarvajanik General Hospital, Botad, Gujarat, India.	September, 2003 to September, 2005	Sabiha is a 100 beded charitable trust hospital draining about 100 nearby villages. I was in-charge of orthopedic department and routinely I carried out all types of elective and emergency cases. Here I had performed routine surgeries like nail osteosynthesis, plate osteosynthesis, elastic nailing, MIPPO, hemiarthroplasty, arthroplasty, deformity correction, soft tissue and bony surgeries for congenital anomalies and deformity correction.
Residency Training at Sheth LG General Hospital, Ahmedabad and Smt. NHL Municipal Medical College, Ahmedabad, India	September, 2000 to September, 2003	Worked with and learned a lot from eminent Surgeons of Ahmedabad. During this period, I had individually performed almost all types of trauma and Orthopaedic surgeries including spine and arthroplasty surgeries. Managed polytraumatised patients in emergencies with satisfactory results. Learned basic arthroscopy.
Houseman at Sheth LG General Hospital, Ahmedabad, India	September, 2000 to September, 2001	Worked under guidance of Prof. P.A. Divatia and Prof. P.N. Parikh.
Registrar at Sheth VS General Hospital, Ahmedabad, India	October, 2001 to January, 2002	Worked under guidance of Prof. R.N. Naik, Prof. J.J. Patwa & Prof. Pankaj Patel.
Registrar at Sheth LG General Hospital, Ahmedabad, India	February, 2002 to February, 2003	Worked under guidance of Prof. P.A. Divatia. During this period, I have assisted varieties of spinal surgeries like Moss-Miami fixation for fracture and Koch's spine at different spinal levels, "H" plate and Casper plate fixation for cervical spinal stabilization, Scoliosis

		<p>correction and disc surgeries.</p> <p>I also assisted Ilizarov fixation surgeries for non unions of long bones, limb lengthening, deformity correction and Peripheral vascular diseases.</p>
<p>Senior Registrar at Sheth LG General Hospital, Ahmedabad, India</p>	<p>March, 2003 to September, 2004</p>	<p>During this period, I assisted complex trauma and arthroplasty besides carrying out all major orthopedic and trauma surgeries individually.</p> <p>I also had distinct interest in pediatric orthopedic problems and have assisted surgeries for congenital anomalies, cerebral palsy, residual poliomyelitis and pediatric trauma.</p>
<p>Internee Doctor</p>	<p>September, 1999 to September, 2000</p>	<p>Three months of intensive training in each major subject like Surgery, Medicine, Obstetrics and Gynecology and Preventive and social medicine & allied subjects in different hospitals.</p> <p>Attended all emergencies, assisted in various surgeries and procedures, performed few surgeries and mastered in all bedside procedures.</p>

RESEARCH WORK

DISSERTATION:

'SERIAL CORRECTIVE MANIPULATION AND APPLICATION OF DYNAMIC CTEV SPLINT FOR THE TREATMENT OF PRIMARY TEVS.'

A prospective study of 100 consecutive TEVs was carried out between July-2000 to July-2003. This indigenously designed and modified splint revealed good outcome and it reduced the number and quantum of surgeries significantly. We also observed that "earlier the presentation, earlier is the correction" and if the child is brought earlier to the orthopedician then his foot can be made plantigrade before the age of walking.

Dr. Shafique Pirani (Vancouver, CANADA) also stated that this splint can help the Gynecologists and Pediatricians to diagnose the disease primarily and its severity which will lead to early treatment and better outcome. (December-2002)

Dr. Ignacio V. Ponseti (Iowa, USA) reviewed the work & commented about the limitations of splint treatment and possible causes of relatively less percentage of successful outcome. He appreciated the meticulous study design and observation regarding the splint management of clubfoot. (November-2006)

ONGOING RESEARCH:

Working on a randomized prospective trail for the treatment of TEVs by Dynamic Splinting and Ponseti's Plaster method.

Working on the evaluation of the outcome of revision surgeries for DDH.

Working on incidence of spinal dysraphism in cases of Congenital Kyphosis.

Difference in the inter and intra-observer variability in the pelvic incidence measurement through manual method and computer-assisted method.

Role of scapular neck osteotomy in the management of severe glenohumeral deformities in the patients of obstetric brachial plexus palsy.

PRESENTATIONS:

Title of the Paper	Presented at
Comparison of CTEV treatment outcome with Dynamic Splinting and Plaster Method of Ponseti.	Symposium at Sheth L.G. Hospital, Ahmedabad conducted by Prof. P.A. Divatia and Dr. Shafique Pirani in November 2002.

Fixation of Extracapsular Proximal Femoral Fractures with long 'GAMMA NAIL'	GOACON 2003, 22 nd February, 2003 Ahmedabad.
Serial Corrective Manipulation and Dynamic Splint Application for the treatment of Primary CTEV.	IOACON 2003, 20 th December, 2003 Chennai.
Poster Presentation : Serial Corrective Manipulation and Dynamic Splint Application for the treatment of Primary CTEV.	POSICON 2005, Baroda, India.
"Is spinal dysraphism a problem in cases of Congenital Kyphosis & Kyphoscoliosis ?"	Presentation at Problem Conference, Dept. of Paed. Orthopedics, Cincinnati Children's Hospital, Cincinnati. November-2006.
"Is spinal dysraphism a problem in cases of Congenital Kyphosis & Kyphoscoliosis ?"	ASSICON 2007, Ahmedabad, India.
Common errors in executing Ponseti technique.	POSICON 2007, Jaipur, India.
Modified Ponseti technique for the treatment of Atypical (Complex) club feet.	GOACON 2007, Vapi, India.
"Role of glenoid osteotomy in severe glenohumeral dysplasia in patients with brachial plexus palsy."	Salter Society Meeting, 2009, Toronto, Canada.
"Role of glenoid osteotomy in severe glenohumeral dysplasia in patients with brachial plexus palsy."	POSICON 2010, Hyderabad, India.
Management of Pediatric forearm fractures.	POSICON 2011, Chandigarh, India.
Current Concepts in management of Cerebral Palsy.	IAP meeting, Jodhpur, Rajasthan, India.

Role of Botulinum toxin in the management of spasticity.	AOS annual meeting, Ahmedabad, 2011.
Interesting Pediatric trauma Cases.	WIROC 2011, Mumbai, India.
Interesting Pediatric Orthopedic Cases.	POSICON 2012, Pune, India.
Common Orthopedic encounters in neonates.	NEOCON 2012, Ahmedabad, India.
PUBLICATIONS :	
Newer trends in management of pediatric shaft femur fractures, Instructional Course Lectures, IOA- 2006.	
Distal humeral fractures in children, Instructional Course Lectures, IOA- 2006.	
Role of combined Scapular neck osteotomy and soft tissue rebalancing in severe Glenohumeral dysplasia. JBJS-A, December 2012.	
Does nerve repair or transfer really help in birth associated brachial plexus injury (obstetric palsy)? Current evidence. Current Orthopedic Practise, Volume 26- Number 1-January/February 2015.	
Nerve Injuries & Myositis Ossificans associated with Supracondylar Humerus Fracture. International Journal of Paediatric Orthopaedics 2015 July-Sep; 1(1):30-3.	
Publication of the Book:	
Editor of the book: "Challenges in the management of Pediatric Bone & Joint infections." Author of three chapters in the book.	

PARTICIPATION IN SEMINARS / WORKSHOPS

Details of the Seminar / Workshop	Faculty	Organized by
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Hands on workshop on Ender's Nailing for Proximal femoral fractures, IOACON, 2001	Prof. Jagdish Patwa	Indian Orthopedic Association at Ahmedabad in Jan., 2001
Sixth National Trauma Management Course (NTMC)	Prof. Ken Boffard	Academy of Traumatology, India , IATSIC & University of Johannesburg, South Africa in April, 2002.
Hands on workshop on Ender's Nailing for Proximal femoral fracture fixation.	Prof. Pankaj A. Divatia	Gujarat Orthopedic Association at Ahmedabad in Feb., 2003
Hands on workshop on CTEV correction by Ponseti's Plaster application	Prof. Pankaj Patel & Dr. Shafique Pirani (U.S.A.)	Sheth V. S. General Hospital, Ahmedabad.
AO/ASIF Basic Course	Dr.Thomas Kossaman (Australia)	AO / ASIF at Hyderabad, INDIA.
Hands on workshop on "Locking Compression Plating"	Prof. Pankaj A. Divatia	Apollo Hospital, Ahmedabad in Jan., 2005
Workshop on "Botox Injection in Cerebral Palsy" POSICON 2005	Dr. Ashok Johari	Pediatric Orthopedic Society of India at Baroda in Jan., 2005
Workshop on Pediatric Trauma	Prof. Vaishnavi	Pediatric Orthopedic Society of India at Baroda in Jan., 2005
Hands on workshop on Surface replacement Arthroplasty	NA	Civil Hospital, Ahmedabad in Feb., 2005.
Childhood Disability Update-2005	Dr.Ashok Johari	Mumbai,INDIA, In Nov.,2005
Workshop on Management of Spine & Hip problems in Cerebral Palsy	Dr.Freeman Miller	Mumbai,INDIA, In Nov.,2005
Workshop on Botulinum Toxin in Cerebral Palsy	Prof. Ker Graham	Mumbai,INDIA, In Nov.,2005
National Update on Spina Bifida	NA	Tata Memorial Hospital, Mumbai in Feb.,2006
Instructional Lectures on Paediatric Anaesthesia	Dr. Pradnya Sawant	Wadia Children's Hospital, Mumbai, in May, 2006

Workshop on Advanced Instrumentation in Spine	Dr. German Ochoa	Ahmedabad, India, In ASSICON 2007
Workshop on PFFD	Dr. Milind Chaudhary Dr. Simon Perot	Jaipur, India, In POSICON 2007
Workshop on Cerebral Palsy	Dr. Unni Narayanan Dr. Dhiren Ganjwala	Jaipur, India, In POSICON 2007
Workshop on neonatal hip ultrasound in diagnosis & management of developmental hip dysplasia	Dr. Reinhard Graf	Pune, India, September 2007
Cadeveric workshop on Salvage surgeries of shoulder in Brachial plexus palsy sequelae.	Dr. Sevan Hopyan	Mt. Sinai Hospital, Toronto, May 2008
Workshop on Spinal deformity correction	Dr. Keith Bridwell Dr. Lawre Lankee Dr. Stephen Lewis	Mt. Sinai Hospital, Toronto, September 2008
Interanational Pediatric Orthopedic Symposium (IPOS)	AAOS	Florida, Orlando, USA December 2008
Orthotic workshop on Chaneu Brace for scoliosis patients	Dr. Reinhard Zeller	Orthotic Dept., Hospital for Sick Children, Toronto February 2009
Workshop on Safe Surgical Dislocation.	Dr. Michael Millis Dr. Young Jo Kim	POSICON 2010, Hyderabad, India.
Workshop on advances in Cerebral Palsy.	Dr. Abhay Khot Dr. Unni Narayanan	POSICON 2011, Chandigarh, India.
Workshop on deformity correction.	Dr. Vasudevan Dr. Mangal Parihar	2011, Palakkad, Kochi, India.
Workshop on Early Onset Scoliosis.	Dr. Anil Jayswal Dr. Ashok Johari	POSICON 2012, Pune, India.

ACADEMIC & COMMUNITY EDUCATION

Subject	Beneficiaries	Year
Common Pediatric Orthopedic problems.	IAP, Bhavnagar	March-2007
Management of spasticity in cerebral palsy	Physiotherapy training course, Ahmedabad	April-2007
Management of Developmental Dysplasia Hip	Kanpur Orthopedic Association, Uttar Pradesh, INDIA.	May-2007
Clubfoot management by Ponseti technique	Kanpur Orthopedic Association, Uttar Pradesh, INDIA	May-2007
Pediatric Orthopedics- a new venture	Bharat Vikas Parishad, Ahmedabad	July-2007
Pediatric orthopedics – from curiosity to reality	IAP, Rajkot, Gujarat	August-2007
Importance of early referral in Pediatric Orthopedics	IMA, Nadiad, Gujarat	September-2007
Importance of early referral in Pediatric Orthopedics	IMA, Himmatnagar, Gujarat	September-2007

Current practice of Ponseti technique at IOWA	Bombay Orthopedic Society, Mumbai, INDIA.	October-2007
Bracing issues in Ponseti Technique	Bombay Orthopedic Society, Mumbai, INDIA.	October-2007
Treatment of Atypical Clubfoot by modified Ponseti Technique	Bombay Orthopedic Society, Mumbai, INDIA.	October-2007
Advances in Pediatric Orthopedics & my experience at Hospital for Sick Children, Toronto.	Polio foundation, Ahmedabad.	August-2009
Sickkids approach to common Pediatric Trauma.	Bhavnagar Orthopedic society.	September-2009
Sickkids approach to common pediatric trauma- a different perspective.	Rajkot Orthopedic Society.	October-2009
Common Pediatric Orthopedic Office cases.	IAP, Bhavnagar	January-2010
Current concepts in management of Cerebral Palsy.	North Gujarat Orthopedic Association, Mehsana.	March-2010
Current concepts in management of Cerebral Palsy.	IAP, Surat	May-2010
Current concepts in management of Cerebral Palsy.	IAP, Jodhpur.	July-2010

Current concepts in management of Cerebral Palsy.	IAP, Rajkot.	November-2010
Current Concepts in management of Cerebral Palsy.	Rotary Club, Bhuj	February-2011
Management of clubfoot: from curiosity to reality.	Polio Foundation, Ahmedabad.	April-2011
Pediatric Super-specialty CME	IAP, Rajkot.	May-2011
Challenges in the management of Pediatric Bone & Joint infection.	AOS, Ahmedabad.	July-2011.

SPECIAL ACHIEVEMENTS / AWARDS

Particulars of the Award	Awarded for	Year
Raibahadur Dr. Jaising P. Modi and Smt. Mangalgaury Modi GOLD MEDAL awarded by Gujarat University	Securing highest marks in Forensic Medicine	1997
Smt. Uma Subodh Shah GOLD MEDAL awarded by Gujarat University	Securing highest marks in Forensic Medicine	1997
Dr. Dinubhai Patel GOLD MEDAL awarded by Gujarat University	Securing highest marks in the MS (Orthopedics)	2003

"DIPLOMAT OF NATIONAL BOARD"	Qualifying in the exams conducted by the National Board	2004
Selection as Visiting Associate, Dept. of Orthopedics, Iowa Children's Hospital, Iowa, USA		2006
Selection as Clinical Fellow, Dept. of Orthopedics, Hospital for Sick Children, Toronto, CANADA		2008
Most Promising Pediatric Orthopedic Fellow Award of Salter Society.		2009
Best Scientific Paper award, AOS annual Meeting, 2011.		2011
Past President's Oration , AOS		2015

SPECIAL ASSIGNMENTS

Member of Staff physician selection committee, Dept. of Orthopedics	Dept. of Orthopedics, Hospital for Sick Children, Toronto	2008
Chief Clinical Fellow	Dept. of Orthopedics, Hospital for Sick Children, Toronto	2008
Honorary Secretary	Ahmedabad Orthopedic Society	2011-2012
Honorary President	Ahmedabad Orthopedic	2013-2014

	Society	
Organizing Secretary	GOACON-2014	2014
Editor	Pediatric Orthopedic & Related Science (PORS -Official Journal of POSI)	2015
Reviewer of Pediatric Orthopedic Section	Current Orthopedic Practice	2015