

TWENTY YEARS OF GLORY

THE ARCHIVES OF THE PEDIATRIC HEMATOLOGY AND ONCOLOGY
CHAPTER OF THE IAP

1987 - 2007



*PHO chapter of the
Indian Academy of Pediatrics*
Maharashtra State, Mumbai 1828/2006 200 GBBSD

Dr Bharat Agarwal
Chairperson

Dr Anupam Sachdeva
Hon.Secretary

Editors

Dr ATK Rau
Dr Bharat Agarwal
Dr Anupam Sachdeva



EDITORIAL



Twenty years, by any standard, is a pretty long time and in this period most organizations achieve a certain level of excellence and then start to decline. While this may be true for most ordinary bodies, the PHO chapter is certainly not amongst these. Since its inception in 1987, the chapter has gone from strength to strength, capturing the annual best IAP chapter award no less than 15 times in the last twenty and still shows no signs of slowing down. Every one of the office bearers over the years has only strengthened the policy that in the PHO chapter “the difficult is done immediately, it’s the impossible that takes a little time!”

“Twenty years of glory” chronicles the progress and achievements of this august body, its trials and tribulations and comes up with a panoramic view of what happened since 1987. The thoughts of the founders and the views of the present generation are all amalgamated with photographs that tell their own stories. We in the editorial team thank the contributors for their “enthusiastic” response to our requests and also for the photographs they have made available.

We hope you enjoy the archives as much as we enjoyed compiling it and bringing it to you

Dr ATK Rau
Dr Bharat Agarwal
Dr Anupam Sachdeva

MESSAGE



Dear Dr Bharat Agarwal and PHO members,

I am honored and privileged to be asked to write a few words for the archives of the PHO chapter of the IAP “**Twenty years of glory.**” I am indeed fortunate to be associated with this chapter for a long time and throughout my association, I have noticed that this is one chapter which has been blessed by dynamic, diligent and farsighted leadership and an equally enthusiastic membership. As a result, not only has this chapter bagged the best chapter prize with almost monotonous regularity over the last twenty years but also has a number of “firsts” to its credit. It was the first chapter to start holding its own national conference ten years ago, the first to prepare national guidelines for the management of common hematological and oncological problems in Indian children, the first to start its own website, the first to receive accreditation for a post doctoral fellowship and now the first to publish the archives of its activities over the last twenty years.

But, more than anything else, whenever I have interacted with the group, I have found that there is intense respect for one another as well as tremendous camaraderie between the members which translates to excellent academic output as well as organisational capability. I wish you and the chapter all success in its endeavours in the present and in the future and pray that the chapter continues in its search for excellence in the years ahead.

With best wishes for the SIOP 2007 conference and the year ahead,

Dr Naveen Thacker
President
Indian Academy of Pediatrics

MESSAGE



Dear Dr. Bharat Agarwal and members of the PHO Chapter,

Thank you very much for the kind invitation to write a message for the memoir of the PHO Chapter of Indian Academy of Pediatrics “**PHO Chapter – Achievements in 20 years**”. IAP PHO Chapter has grown from strength to strength. It has excelled in its performance amongst all chapters of the Academy for last many years.

For IAP PHO Chapter the SIOP conference this year is another feather in the cap. I wish you all the best for the success of the conference.

This publication will serve as a tremendous source of communication with fellow members of the chapter, the Academy and members of SIOP from other countries. It will aid in updating knowledge to a wide audience thus ensuring that developments in Pediatric Hemato-Oncology are relayed which enables us as Pediatricians to understand it and serve our patients/community with efficiency. It will also give Academy and PHO Chapter an opportunity to share their contributions with members of SIOP.

On behalf of Indian Academy of Pediatrics, I would like to mention that your Chapter's growth and active involvement in academy affairs is very much appreciated. I wish you all the best for the success of the forthcoming Conference and this Memoir. I can categorically state that under the guidance of Dr. Bharat Agarwal and Dr. Anupam Sachdeva the Chapter will witness "steaming" success in the coming months and years.

With Kind Regards,

Yours Sincerely,

Dr. Deepak Ugra
Honorary Secretary General, Indian Academy of Pediatrics

MESSAGE

Dr Bharat Agarwal
Chairperson
PHO Chapter

MESSAGE

**Dr Anupam Sachdeva
Hon.Secretary
PHO Chapter**

CURRENT ACTIVITIES OF PHO CHAPTER LETTER TO MEMBERS

14th September, 2007

Dear PHO Member,

Greetings from the PHO Chapter !! A glimpse of the Chapter activities is provided below:

1. **SIOP 2007** – This International Congress will be held from 29th October 2007 to 3rd November 2007. This truly international ‘State of the Art’ event will take place for the first time in India and we encourage all of you to register. There are six pre-conference workshops planned on interesting subjects in pediatric haematology and oncology which you can benefit from. Please visit www.siop2007.in for further details and registration. The entire scientific program of the conference is already finalised and available on the website. Do not miss this unique opportunity!
2. **Publications** – The IAP subspecialty book on “**Pediatric Haematology and Oncology**” has been published during Pedicon 2007 this year in January. Congratulations to the Chief Editor, Dr. M.R. Lokeshwar and Speciality Series Editor, Dr. Nitin Shah for this accomplishment. Courtesy Aristo Limited, this book was distributed complimentary to all the delegates at Pedicon 2007. Copies are available from the IAP office. We recommend you to obtain one.
3. **Education booklets** – A colourful booklet on **Retinoblastoma** has been published by Dr. Vasantha Thavaraj, New Delhi. Please write to the Hon. Secretary for orders. Please use Xerox versions for your colleagues and patients. More booklets of this nature on various topics under our ‘*Patient information series*’ will soon be made available eg. Hemophilia, Thalassemia, etc. These books are also likely to be translated in Hindi for benefit of parents and patients.
4. **Management guidelines** – Under the IAP President Action Plan 2006, management guidelines for patient-care on sickle cell disease, ITP, Blood component therapy, ALL, iron deficiency anemia, management of thalassemia, management of hemophilia, usage of activated factor VII have been finalised last year. These will be published soon and sent to all the members. We hope that these will be very useful to the members in their day-to-day clinical practice. This year three more consensus management guidelines for Hodgkin’s disease, Non Hodgkin’s Lymphoma, and Aplastic Anemia under the IAP President Action Plan 2007 will be forwarded to you.
5. **National training programs** – You are already aware of the activities of the NTP PPO under which workshops have been held last year at Nasik, Cochin, Bhopal, Patna, and Dhaka, Bangladesh under the stewardship of Dr. Purna Kurkure (kurkurepa@tmcmail.org). If you wish to participate in these workshops or conduct such a workshop in your town, kindly contact Dr. Kurkure. Similar training projects are planned in haematology and pediatric oncology nursing at the national level. This year Practical Pediatric Hematology (NTP PPH) workshops were held at Miraj, Surat, Pune, & Delhi. They will be held later before the end of this year at Kanpur, Burdwan & Madurai. If you wish to participate in these workshops or conduct such a workshop in your town, kindly contact Dr. Anupam Sachdeva at anupamace@yahoo.co.in
6. **Newsletter** – You all must have received the first issue of the PHO bulletin released at Pedicon 2007 this year. The second issue of the bulletin for 2007 is under print and will shortly reach you. We wish to compliment the editorial board of our PHO bulletin led by the Chief Editor Dr. Rashmi Dalvi for activating the regular publication of the bulletin.
7. **PHOCON 2006/2007/2008** - Last year the 10th PHO Conference was held at CMC Vellore from 16th to 18th November 2006. The conference was preceded by a well attended CME program. 150 delegates participated in the conference. The R.V. Lokeshwar oration was delivered by Dr. L.S. Arya. Compliments to Dr. Leni Mathews for the success of PHOCON 2006. In 2007, PHOCON will not be held since the Chapter is organizing SIOP 2007. Please mark your calendars and block your

dates to benefit from this mega event. PHOCON 2008 will be held at New Delhi next year under the leadership of Dr. Anupam Sachdeva.

8. **Sub-speciality fellowship in Pediatric Hematology Oncology** - National Board of Examinations has initiated this year sub-speciality fellowship in Pediatric Hematology Oncology at 3 centres in the country (Wadia Children Hospital, Mumbai, Gangaram Hospital, Delhi, Rajiv Gandhi Cancer Centre, Delhi). Five post graduates have been enrolled for this two years fellowship program. The first batch of certified specialists will be out in 2009!! This program will boost the talent and level of expertise in Pediatric Hematology Oncology in our country.
9. **PHO Website** – Our website is finally launched by Dr. Shailesh Kanvinde from Pune ! You can access the website by logging on to www.phoindia.org The website hopes to provide updated relevant information on the subject and activities of the chapter. Do log on !
10. **Pedicon 2008, Bhubaneswar** - Pre-conference workshops are also being planned on ‘**Bench to Bed side**’ in **Pediatric Hematology & ‘Organ Transplantation’**. The Symposium at PEDICON 2008 for PHO Chapter will be on, - **How do I manage-----?** (Case based approach): Hemophilia A with Acute Joint Bleed; Neonate with isolated thrombocytopenia; Dengue with coagulation defect; Early stage Hodgkins disease; Aplastic anemia in a 6year old boy; Chelation therapy in Thalassemia major (Chairs: Dr Anupam Sachdeva, Dr. Anupama Borker).

We look forward to interacting with you all more often. Do keep in touch ! send us your email ID so that we can build a database of PHO members email ID’s for more efficient, cost effective and frequent communication.

With best regards,



Dr. Bharat Agarwal

Chairman

PHO Chapter Indian Academy of Pediatrics



Dr. Anupam Sachdeva

Hon. Secretary

THE OFFICE BEARERS OF THE PHO CHAPTER THROUGH THE YEARS

The present team

2004 – 2007

Chairperson –	Dr Bharat Agarwal (Mumbai)
Hon. Secretary –	Dr Anupam Sachdeva (New Delhi)
Treasurer –	Dr Jagdish Chandra (New Delhi)
Editor: PHO bulletin & Jt. Treasurer –	Dr Rashmi Dalvi (Mumbai)
Webmaster -	Dr S Kanvinde (Pune)

Executive board members

North zone –	Dr Deepak Bansal (Chandigarh)
East zone –	Dr Ashish Mukhopadhyaya (Kolkata)
South zone –	Dr ATK Rau (Mangalore)
West zone –	Dr Mamta Manglani
Central zone -	Dr Archana Kumar

Co –opted members

Dr Anupama Borker (Mumbai)
Dr NK Pati (Hyderabad)

Ex officio members

Imm. past chairperson -	Dr RK Marwaha (Chandigarh)
President IAP –	Dr Naveen Thacker (Gandhidham)
Hon. General Secretary IAP –	Dr Deepak Ugra (Mumbai)

National co ordinators

NTP – PPO –	Dr Purna Kurkure
NTP – PPH -	Dr Anupam Sachdeva

THE EARLIER STALWARTS..... !!

Year	Chairperson	Secretary	Treasurer	Editor - PHO News	NC – NTP PPO	NC – NTP PPH
1987	Dorairajan	M.R. Lokeshwar	P Kurkure	MR Lokeshwar	-	-
1988	Dorairajan	M.R. Lokeshwar	P Kurkure	MR Lokeshwar	-	-
1989	Dorairajan	M.R. Lokeshwar	P Kurkure	MR Lokeshwar	-	-
1990	Dorairajan	M.R. Lokeshwar	P Kurkure	MR Lokeshwar	-	-
1991	M.R. Lokeshwar	P Kurkure	Mamta Manglani	P Kurkure	-	-
1992	M.R. Lokeshwar	P Kurkure	Mamta Manglani	PKurkure	-	-
1993	M.R. Lokeshwar	P Kurkure	Mamta Manglani	P Kurkure	-	-
1994	M.R. Lokeshwar	B.R. Agarwal	Mamta Manglani	B.R. Agarwal	-	-
1995	M.R. Lokeshwar	B.R. Agarwal	Mamta Manglani	B.R. Agarwal	-	-
1996	V.P. Choudhary	RK Marwaha	A.P. Dubey	RK Marwaha	B.R. Agarwal	-
1997	V.P. Choudhary	RK Marwaha	A.P. Dubey	RK Marwaha	B.R. Agarwal	-
1998	P. Kurkure	RK Marwaha	N.K. Shah	RK Marwaha	B.R. Agarwal	-
1999	P. Kurkure	RK Marwaha	N.K. Shah	RK Marwaha	B.R. Agarwal	-
2000	L.S. Arya	R Dalvi	N.K. Shah	RK Marwaha	B.R. Agarwal	-
2001	L.S. Arya	R Dalvi	N.K. Shah	RK Marwaha	B.R. Agarwal	-
2002	L.S. Arya	R Dalvi	N.K. Shah	RK Marwaha	B.R. Agarwal	-
2003	RK Marwaha	ASachdeva	J Chandra	R Dalvi	P. Kurkure	-
2004	RKMarwaha	A Sachdeva	J Chandra	R Dalvi	P. Kurkure	-
2005	B R Agarwal	A Sachdeva	J Chandra	R Dalvi	P. Kurkure	A Sachdeva
2006	BR Agarwal	A Sachdeva	J Chandra	R Dalvi	P. Kurkure	A Sachdeva
2007	BR Agarwal	A Sachdeva	J Chandra	R Dalvi	P. Kurkure	A Sachdeva
2008	A. Sachdeva	A. Borkar	N. Lokeshwar	N.K. Shah	R. Dalvi	S. Yadav

SUMMARY OF PROGRESS OF THE P.H.O CHAPTER



Dr. M.R. LOKESHWAR
First Hon. Secretary, PHO chapter and
Former President, PHO & IAP, Mumbai

During the silver jubilee year of the IAP the central secretariat took a decision to start various sub speciality chapters and to encourage their development. I was appointed as a convener and Dr Purna Kurkure as Coconvener to start the pediatric Hematology/Oncology chapter. This chapter was conceived during the proceedings of the 24th National Conference of IAP at Madras by a group of pediatricians concerned and committed to pediatric hematological and oncological problems. The following office bearers were elected unanimously - Dr. T. Dorairajan as president, Dr. P.N. Krishnamurthy as Vice-President, Dr. P.A. Kurkure as Treasurer and Dr. M.R. Lokeshwar as Secretary. The executive members elected were Dr. V.P. Choudhary, Dr. R.M. Joshi, Dr. R.K. Marwaha, Dr. V. Pushpa and Dr. N.M. Thimarayappa.

The chapter was inaugurated on 11th October 1987 by Dr. R.P. Warriar – an eminent pediatric hematologist and oncologist from Louisiana State University, School of Medicine, Tulane, New Orleans, USA and presently Vice Chancellor of the Manipal University. The chapter has made slow but steady progress over the years since the beginning.

Since the inception of the chapter a newsletter was started by the chapter, which now has become more popular and regular. This has helped not only in dissipating and updating knowledge of pediatric hematology and oncology and recent developments in the subject but also in kindling the Interest in hematology/ oncology amongst members. Since 1993, the name of the newsletter has been changed to “PHO REVIEW”.

In a nutshell the activities of the chapter are described

11th October 1987: Inauguration of the chapter

1988 - 1990:

- First National Workshop on Neonatal Hematology / Oncology, and symposium on Recent Advances in Management of Hematological Disorders. 9-11th June 1988 at L.T.M.G Hospital, Sion, Bombay.
- Update on Hematology / Oncology organised by Dr. P. N. Krishnamurthy during 26th national conference of IAP at Jodhpur.
- Guest lecture on ‘Advances in Hematology’ by Dr. Honig, Prof & Head, Dept. of Pediatrics, University of Illinois, College of Medicine, Chicago, during 26th national conference at Jodhpur.
- Published the book on “Current Problems in Pediatric Hematology/Oncology” 1988.
- National Symposium-cum- Workshop on ‘Bleeding Disorders’ held at L.T.M. Medical College, Sion, Bombay – 22 on 23-24th September 1989 and release of the book on ‘Current problems in Hematology/Oncology 1989 – Bleeding Disorders’ by Dr. M.R. Lokeshwar and Dr. Mamta Manglani
- Cosponsored International symposium on Pediatric Oncology’ organised by Dr. L S Arya at AIIMS, New Delhi from 4-5th February 1994
- Symposium on Pediatric Oncology, Org. Sec. Dr. (Mrs.) P.A. Kurkure, 4th Sept, Nanavati Hospital, Bombay.
- Dr. Fumio Bessho from the University of Tokyo, Japan delivered a guest lecture on 23rd December 1994 at B.J. Wadia Hospital for Children, Bombay – “results of ALL protocol at Tokyo Children’s Cancer Study Group.’
- Judged by IAP central office as the ‘BEST CHAPTER OF THE YEAR’ consecutively more than 10 times.

1990 - 1995

- National Pediatric hematology / Oncology Update was held on 18th December 1994 at Indore during 32nd National Conference of Pediatrics (PEDICON'95)
- Symposium on "Progress and Controversies in Pediatric Hematology/Oncology" was organised during the conference on 20th December 1994.
- Symposium on Pediatric Oncology was held on 22nd June 1995, at Wadia Children Hospital, Bombay
- Dr. Jan de Kraker from Netherlands, delivered guest lecture on "SIOP Trial for Wilm's Tumour" organised at Wadia Children Hospital, Bombay.
- Hematology update was organised by the chapter at Davangere on 10-11th June 1995.
- Hematology update was organised by the IAP Branch of Gulbarga along with our Chapter on 9th July 1995.
- International symposium on "IV Immunoglobulin and Cytokines in Pediatrics – Controversies and Consensus" was held on 23-24th Sept 1995 at B.J. Wadia Hospital for children, Bombay. A souvenir-cum-proceedings (166 pages) was published on the occasion. Dr. Bharat Agarwal was the organising secretary.

1996:

- Symposium on "Emergencies and Supportive Care in Pediatric Hematology/ Oncology organised during 33rd national Conference of IAP at Mangalore on 4 -7th January 1996.
- The Chapter made an effort to popularized Hematology/Oncology and prepared teaching slides on five subjects which will be available at cost price form the secretariat (set of 50 slides on each topic). The topic covered: 1. Approach to anemia in children. 2. Leukemia in children. 3. Approach to bleeding disorder in children. 4. Thalassemia syndromes, 5. ITP in children.
- The Late R.V. Lokeshwar Oration Award was instituted 1995 onwards. First lecture was be delivered by Dr. Raj Warriar – New Orleans, USA at 33rd Annual Meeting of IAP at Mangalore.
- During that year we instituted 2 Best Paper Awards with the prize of Rs 500/- and Rs. 300/- each from donation of Dr. M.R. Lokeshwar.

The commendable progress made could be possible because of constant guidance of senior members, and past presidents, office bearers, executive members and secretaries. Since 1996, the reins of administration of the chapter have passed over to my younger colleagues who have further guided the chapter from its humble beginnings to the great heights we see today. Notable amongst these doyens in the field include my good friends, Dr LS Arya, Dr. Bharat Agarwal, Dr. Anupam Sachdeva, Dr. Nitin Shah, Dr Mamta Manglani and a host of others who have each played a stellar and unique role in pushing the chapter forward. On the occasion of the twentieth year of the chapter, I wish all the members of this exemplary chapter, good luck and good health for the years to come and encourage all of you to come together to strengthen the chapter and indeed the subspeciality itself. In the words of Martin Luther King "I have a dream" and the dream is that the PHO chapter will one day be recognized as the most important decision making body in all matters concerning the health of children with hematological and oncological problems in the entire country.

May God bless the PHO chapter!

The Paediatric Haematology & Oncology sub chapter of the IAP Ideals and goals- 1987 -2007



Prof PN Krishnamurthy
Founder Member & first Vice President– PHO chapter, Mangalore

Paediatrics is an evolving Science. It emerged as a specialty more than a century ago in western countries and about eight decades ago in our country. Paediatrics was being practiced in ancient India as an “Anga” or branch of Ayurveda as early as 2nd-3rd Century A.D when it was called “Kaumara Bhartya”. Jivaka and Kasyapa were well known physicians of children’s diseases. Jivakaja bore the name in pali language “Komara Bachacha” that is children’s doctor.

The first children’s hospital was started in Bombay (Mumbai) in 1928 with late Dr.George Coelho as chief paediatric physician and superintendant. Dr. G.Coelho is referred to as father of Indian Paediatrics. Late Dr. K.C Choudhary, was responsible for establishing the Children’s hospital around the same period in Calcutta (Kolkata). Post graduate paediatric training courses were started in both centers .There were then two academic bodies representing the paediatricians of our country. The ‘Association of Paediatricians of India’ guided by Dr.G.Coelho based in Mumbai and the other ‘Indian Paediatric Society’ initiated by Dr.K.C Choudhry functioning at Kolkata, having independant activities. Late Prof S.T Achar along with other younger paediatricians of our country were responsible for the merger of two factions at the joint meeting of the two associations at Hyderabad in 1963, to form the ‘Indian Academy of Paediatrics’. The first national conference of IAP was organised by late Dr.M.V Phadke at Pune in 1964 with late Dr.LSN.Prasad and late Dr.Shantilal Shet as President and secretaries respectively.

Since then the IAP has grown and matured into an august body forming alliance with several International Paediatric associations, as well as international health organisations such as WHO and the UNICEF. At the national level, IAP has branches in all the states of our country with several district and city branches throughout the country. All of them have been grouped into five zones with representations from each zone in the Central executive board of I.A.P.

Information relevant to paediatrics doubles every 8-10 years adding vastness and depth to the subject and its practice. Besides, rapid advances in medical science such as Biochemistry, Cytogenetics, Molecular Biology, Imaging, Pharmacotherapeutics, laboratory and biotechnology has led to further specialization in paediatrics. Interaction and communication with visiting faculty from abroad at the CME programmes and conferences organized by IAP in various parts of the country provided necessary impetus to pursue specialisation in selected aspects of paediatric practice by some paediatricians, especially those working in the medical college hospitals of our country. Some of those paediatricians obtained fellowships to train themselves in a particular speciality within paediatrics either abroad or at postgraduate training centres in our country. After completing fellowship they returned to their respective institutions and started paediatric subspecialty units or departments, where laboratory and other ancillary support systems already existed. These trained pediatric subspecialists ushered in the ways and means of providing sophisticated management and care to paediatric patients with complicated diseases. It was but natural that these pediatric subspecialists met during academic meetings and conferences of the IAP and formed groups and interacted with a view to promote formation of a forum at the national level to facilitate interaction which is essential for progress an also to consider ways and means of starting subspecialty units in the departments of paediatrics in the hospitals existing in various parts of India. First the Neonatology group formed the National Neonatology Forum. In subsequent years other paediatric subspecialty groups met and started subspecialty chapters under the banner of IAP. Diagnosis and treatment of any paediatric illness and the evolving technology there in are important to all paediatricians regardless of their practice or specialty.

Paediatrics is a specialty of Medicine. Speciality within paediatrics is a subspecialty and not a superspeciality of paediatrics. Naturally paediatric subspecialty chapters are a part and parcel of the IAP.

By the early nineteen eighties there were a number of paediatricians practicing paediatric hematology and oncology in their respective hospital or child health institutes in various parts of our country. These paediatricians met during the annual conferences of the IAP and considered forming a paediatric Haematology - Oncology (PHO) subspecialty chapter. It was during the XXIV national IAP conference in 1987 at Chennai that Dr.M.R.Lokeshwar, past president of the IAP took the initiative and called for a preliminary meeting of all those paediatricians who were already practicing or keen on starting paediatric haematology and oncology units in their respective places of work with a view to form a committee to launch PHO subspecialty chapter of the IAP. Dr.T.Dorairajan, renowned paediatric surgeon of south India and director of the Institute of Child Health Chennai gracefully accepted to chair the meeting and cooperate in our efforts, even though he was under great stress as the organizing secretary of the national conference besides the burden of administration of a major institution – ICH Chennai. The meeting was attended by Dr.Raj Warriar, Paediatric Haematologist and Oncologist from New Orleans USA as also practicing Haemato - oncologists from Mumbai, Varanasi, Vellore, Tamilnadu, Kerala and Karnataka. Dr T Dorairajan was nominated as the chairman and Dr.M.R Lokeshwar as the convener. Dr Lokeshwar had a tough task ahead of forming a working committee of a PHO subspecialty chapter by individually communicating with practicing PHO subspecialists from various states to get views on their plan of future actions of the subspecialty chapter and also to elicit their cooperation and support. The executive committee of the subspecialty chapter was formed consisting of very competent and enthusiastic PHO subspecialist from various parts of India. Finally the PHO subspecialty chapter was inaugurated in June 1988 at KEM hospital Mumbai. The inauguration was preceded by first national workshop cum seminar on neonatal haematology and oncology and recent advances on management of haemato - oncological disorders in childhood. The two programmes were held in the Departments of pediatrics, LTMC Hospital, Sion and Tata Memorial Hospital, Parel, Bombay with the intention of upgrading knowledge in the subject of PHO and its laboratory aspects and above all to gain confidence and provide guidance for developing Pediatric Haemato oncology subspecialty in our country. Both the academic programmes and inaugural function were well attended. The executive committee was formed by the election of the president, secretary, treasurer and five executive committee members who were all nominated. At the Inaugural Function Dr T Dorairajan was formally nominated as chair person and Dr.M.R.Lokeshwar as convener of the PHO chapter of the IAP

It took of few years to consolidate the support from general paediatricians and to recruit new members to the PHO subspecialty chapter. Meanwhile the PHO CME programmes were held biannually during the IAP national conferences, on the preconference day. Joint meeting of Office bearers of IAP with chair persons and office bearers of all subspecialty chapters were held during annual IAP conventions. During one of the joint meetings Dr.M.R Lokeshwar was elected chairperson and Dr (Mrs) P Kurkure as the secretary of the PHO subspecialty chapter. The first national conference of the PHO chapter was held in Nov 1997 at the BJ Wadia hospital, Mumbai with Dr Bharat Aggarwal as the organizing Secretary. Several visiting faculty members from abroad and also our country participated in the convention. The subspecialty of PHO had well established organization and forum to communicate, establish contact and to interact so that the PHO subspecialty could become more creative and progressive. As an organization, the PHO subspecialty and subspecialists have a broader scope, greater responsibilities and possibilities of progress and achievement. Scope and emphasis may change but the fundamental objectives remains valid for all times namely “ To guide children safely and happily through childhood so that they will become healthy and well adjusted young adults to enable them to achieve their maximum potential physically, intellectually, psychologically and socially”.

This absolute truth should be the lodestar to reach our objective in pediatric practice in general and the PHO subspecialty in particular which consists of three entities, namely

- (A) PHO Subspecialty Chapter of IAP as an Organization
- (b) PHO Subspecialists with the support group and other specialists.
- (c) The paediatrician, the child with haemato oncological problems, care providing family and supporting community.

Each limb of the triad has its own sphere of activity but closely interrelated requiring diligent cooperation. The main objective is early diagnosis and parent education, appropriate therapy to obtain truly cured status of the child with haemato oncological problems implying not only biological cure of the disease but to get the child on par with his peers in growth and development. The key person in this limb of the triad is a

general paediatrician. He has to take care of normal child by monitoring normal growth and development all through childhood and adolescence including regular immunizations, care of the sick child in the form of acute illness or otherwise and also care of children at risk which has reference to a mentally or a socially challenged child. Our concern is with the former. The illness suffered by the mentally challenged child is chronic in nature and interferes with physical as well as functional aspect of the child on long term basis.

Associated morbidity or mortality from the time of diagnosis is a burden to care providers. The stress is experienced collectively and individually by the trio of the third limb of the original triad. This is where the general paediatrician has to seek help from the PHO subspecialist. The system of care to be adopted by the PHO subspecialist is a team approach, essentially a team consisting of general paediatrician, PHO subspecialist and other diagnostic and therapeutic specialists namely histopathologist, haematologist, immunologist, radio diagnostician, nuclear medicine specialist and paediatric surgeon. More importantly, the presence of the supporting group consisting of a paediatric nurse with training in PHO care, social workers and psychologists is essential. The paediatrician and other PHO subspecialists assume coordinating responsibilities. The general paediatrician acts as a coordinator with the family, community, the PHO subspecialist and the hospital. Paediatric cancer, specially needs multi modal and multidisciplinary therapy. It is extremely important to adhere to protocols of therapy in any given case in an effort to minimize discrepancy and to make the results reproducible. This will also help in formulating multi centric protocols of acceptable level of evidence base in therapy and outcome.

The PHO subspecialist is so special because he is prepared to understand the modern components of the mechanism of disease and to define them as they apply to the patient and explain them in a lucid manner. The subspecialist should be a perennial student and teacher by continuing education and attendance at seminars and conferences often as a faculty member. The PHO subspecialist helps the pediatrician in answering questions of educated parents like "who, when, where, why and how" of the disease and therapy involving their child. He educates, elucidates and expedites early diagnostic process and therapeutic management of the child with PHO problems. The subspecialist brings new knowledge and technology to the generalist's armamentarium. He also arranges special diagnostic, therapeutic and supportive services. He takes responsibility to arrange the family support groups of the children with hematology or oncology problems, for example, the Thalassemia group, childhood cancer group etc which enables parents to interact and gain confidence in continuing therapy without default. He is in constant communication with the child's pediatrician to organise follow up therapy sessions in the hospital or at home. He is also responsible for instructing paediatricians on adverse reactions of drugs in their patients and after recognizing them early to send the child back for therapy of the same. The PHO subspecialist has to bring about a comprehensive outlook to patient care and not compartmentalised care as the care services of the child with HO problems involves multiple disciplines. The PHO subspecialist is accountable to the patient, to the referring doctor or pediatrician and to himself. Accountability to self is through self study of texts, monographs and journals and use of the computer. He will remain an active member of the PHO subspeciality organization both as coordinator and executive committee member. However total neglect of family and social aspect of one life is unpardonable. A sense of priority and time management plays a crucial role in these matters for smooth sailing.

The PHO subspeciality of the IAP as an organization has done extremely well in establishing alliance with international PHO organizations such as the SIOP, ASH, ASCO and the SAARC PHO chapters. We feel proud that the 2nd Asian SIOP conference was held at Delhi in 2002 and the annual conference of the SIOP International will be held in Mumbai this year. The National training projects in Oncology and Hematology have been established and are going from strength to strength as also the PHO bulletin under the charming leadership of Dr Rashmi Dalvi. On the home front the organization should try to establish more active state PHO Committees of 3 to 5 members and, if possible, at the level of cities, to organize committees where there are at least 3 PHO subspecialist or paediatricians who have trained themselves in PHO care especially where there are medical colleges. This will eventually help in establishing PHO trainings centres peripherally and will pave the way to conduct multicentric research studies.

The central theme of the PHO subspeciality triad should always be early, accurate diagnosis and institution of appropriate, affordable and optimal therapy to provide for the highest rates of cure. Despite progress, each time there is a new advance in scientific knowledge, there arise new problems, such as late side effects and second cancers. All through, parents and children require supportive and psychological care which at times is beyond the capability of the care providers. This is where the philanthropist organizations and NGO's play a role and the encouragement of these arms of our armamentarium is also the responsibility of the care givers. Multidisciplinary and combined modality of treatment is the mainstay in childhood cancer therapy.

So all the experts work together keeping the welfare and health of the child with a HO problem as the main objective at the centre and the 'pride of discipline' should be put aside. Professional ethics is like a constant in an equation on the side of the variable. The constant never changes and it is not negotiable. It should be honored at all times.

I was asked to write on the concept of PHO subspeciality and the chapter with some historical background. Concept means ones own mental construction or thought flow .In order to justify itself thought must lead to action and therefore concept is stronger than fact. Just as memory is to the mind, history is to humanity .Let me end with a Vedic quotation translated and slightly altered to suit the occasion. "Paediatrics and its practice is an ocean and the pediatrician and the subspecialists whoever they may be, are waves." The wave is a part of the ocean but the wave can never be considered as the ocean itself."

May God bless you all and the PHO chapter of the IAP.

OUTSIDE LOOKING IN (WHEN DREAMS COME TRUE)



**Dr.R.P.Warrier,
Vice Chancellor,
Manipal University, Manipal,**

1947, the year India got its independence is a year to remember for all of us. But, what is so special about 1987 to a pediatric hematology and oncology (PHO) doctor? It was the year when a few pediatricians and PHO specialists decided to form the PHO chapter in the IAP. The chapter was inaugurated at the IAP meeting (PEDICON) held at Adyar Sheraton Hotel in Chennai.

Drs. A Desai, Dorairajan, Raj Warriar, P.N.Krishnamurty and MR Lokeshwar were the guests of honour. Drs. Ramesh Poddar, Purna Kurkure and Nitin Shah were among the 40 to 50 eminent pediatricians present on that day. They along with Drs. Rashmi Dalvi, Anupam Sachdeva, Bharat Agarwal and many others have all worked hard to transform the chapter into one of the best in the IAP. We are now an “adult” chapter (all of 20 years old) with a great future.

Dr. Bharat Agarwal was instrumental in initiating the train the trainers program for the Indian National Training Project of the practical pediatric oncology programme (NTP – PPO), a collaboration between the SIOP (International society of pediatric oncology) and the PHO chapter. This exemplary programme has helped in enabling many pediatricians in smaller units to diagnose pediatric cancer and blood disorders early, make appropriate referrals and also offer supportive care in conjunction with tertiary centers if needed.

We are also very proud to be the hosts for the SIOP 2007 meeting, the very first time that the International meeting of the organization has been held in India. An event of this magnitude requires tremendous organizational skill and capability and is not allotted unless the parent body has supreme confidence in the host. My heartiest congratulations to Dr Bharat Agarwal and his team for seeking the opportunity to showcase the progress of pediatric oncology in India to the rest of the world.

Another major milestone in the history of pediatric haematology and oncology in India is the initiation of the fellowships of the National board of Examination (NBE) in pediatric haematology and oncology. This program was initiated in 2006 and a significant amount of work was done by Dr. Anupam Sachdeva who has networked with members of the board and the government to achieve this landmark milestone. This will assure us of a steady flow of well trained pediatric hematologists and oncologists and avoid over dependence on adult oncologists in the future.

Dr Nitin Shah and his team at the central IAP office along with the PHO chapter have been involved in conceiving, organizing and supporting the landmark programme of the ‘National consensus committee’ meetings on various pediatric cancer and blood disorders. The concept is excellent and the results, if utilized

well, will form the backbone of the pediatric hematology and oncology effort in India. Who knows, this may be the forerunner of a cooperative group in India on the lines of other such groups in Europe and the USA.

The future looks bright for pediatric hematology and oncology in India. We have an excellent cadre of senior and middle level academic and practicing paediatric haematology and oncology faculty. There are many more centers now in the country capable of diagnosing and taking care of the child with cancer and blood disorders. The reverse brain drain from western countries will help to improve the science and art of PHO care. Our next project should be to have clear cut strategy for the progress of pediatric haematology and oncology care and initiate clinical trials with centralised data collection in few of the tertiary care cancers. Trials with standardized prognostic risk and response based protocols with good clinical practice guidelines is the need of the hour. Only about 8500 cancer cases per year are seen in the USA while we see 70 - 80,000 per year in India. In this context, many of the cancer centres in the USA and other countries would be very interested in collaborating with an Indian group of pediatric hematologists and oncologists and the PHO chapter must initiate this dialogue process as soon as possible so that accurate data management can begin. A Cancer registry, well planned and conducted clinical drug trials, complimentary or alternative medicine (CAM), computerization of treatment plans are the other new areas we should be looking into as a progressive group. If our economy is, as proclaimed from the rooftops, the 3rd largest in the world, why then is our PHO care so far behind?

On the occasion of the release of the archives of the PHO chapter, I send my best wishes to each member of the PHO fraternity and hope that the years ahead will be as fruitful as the years gone by. In the words of Mark Twain “Success is not getting all that you want but appreciating all that you have” If we go by this dictum, the PHO chapter has really arrived.

God bless the PHO chapter and all its members

INDIAN NATIONAL TRAINING PROJECT IN PRACTICAL PEDIATRIC ONCOLOGY

Dr. Purna Kurkure, National coordinator, INTP – PPO, Mumbai



Pediatric Oncology is a rapidly developing super speciality in our country. At present its practice is limited to major cancer centres and bigger cities only. Pediatric patients form about 5% of cancer cases seen at any regional cancer centre. Due to recent advances and better understanding of pediatric cancer problems many childhood cancers are considered curable. In the developing countries like India, with limited infrastructural facilities and far from adequate number of pediatric oncologists, it is most important to spread correct information and educate general pediatricians in the field of pediatric oncology. Early referral for prompt diagnosis and for ensuring efficient follow up, the community pediatricians's role is crucial. With this purpose PHO chapter initiated the development of a training module in Practical Pediatric Oncology in conjunction with the International Society of Pediatric Oncology (SIOP).

Office bearers of INTP-PPO since its inception

1997-2003

National Co-Ordinator: Dr. Bharat R. Agarwal

Zonal Co-Ordinators:

West Zone - Dr. (Mrs) Purna A. Kurkure
North Zone - Dr. Dr. R.K. Marwaha
South Zone - Dr. John Solomon
Central Zone - Dr. Dinesh Pendharkar

2004-2007

National Co-Ordinator: Dr.(Mrs) P.A. Kurkure

Zonal Co-Ordinators:

West Zone - Dr. Rashmi Dalvi
North Zone - Dr. Gauri Kapoor
South Zone - Dr. Anita Chandra
Central Zone - Dr. Archana Kumar
East Zone - Dr. J. N. Sharma

We are more than ten years deep into this national training project since August'96. The first year was spent in evolving the consensus amongst pediatric oncologists and obtaining endorsement from national societies and the SIOP. In the 2nd year, a Teachers' conclave was organized, training module was finalized and a

reference manual and common set of slides were produced. Nineteen workshops were held between 1998-2001 for training pediatricians, pediatric surgeons and postgraduates. There has been a uniformly positive response from the participants at these workshops, the cancer centres where these workshops were held and also from the faculty members involved in this training project.

In February 2002, a second national teacher's review meeting was held in Mumbai where a consensus was reached to modify the training module, revise the reference manual and common set of slides. Mechanisms to evaluate this project were also discussed at this meeting. The major part of the year 2002/2003 was spent in publishing the second edition of the reference manual, new teaching slide sets for the modified training module and creation of a new problem oriented case series.

Workshops were restarted in the new revised format from August 2003. Ten workshops have been held so far. Half a day CME module has been piloted on 2 occasions and has been very popular & well received. Many inquires have come for conduct of the CME programmes. Busy practicing pediatricians are not able to spare full two days from their busy practice. It will be very productive and useful to pursue this module through all branches of Indian Academy of Pediatrics (IAP) as it does not need intensive infrastructure mandatory for skill stations in two day module.

The success of Indian National Training Project in Practical Paediatric Oncology backed by International Society of Pediatric Oncology (SIOP) generated an enthusiasm & eagerness to expand this project to SAARC member countries, which share the problems of delay in diagnosis, only 15-20% children with cancer having an access to network of pediatric oncologist and treatment dropouts. As a pilot project, the training programme in Practical Pediatric Oncology was conducted at Kanti Children Hospital Kathmandu, Nepal in June, 2004 in collaboration with Nepal Pediatric Society, using human and financial resources of Indian National Training Project. The training programme was well received and appreciated.

The workshop on Childhood Cancer as part of 'MY CHILD MATTERS' initiative of UICC was conducted at Dhaka, Bangladesh on 18th-19th February 2007. The objective of the workshop was very similar to Indian National training project- to involve pediatricians from medical colleges across Bangladesh and sensitize them for early diagnosis of paediatric cancers and initiate them to participate meaningfully in optimal care of children with cancer. National coordinator of Indian National training project facilitated the workshop & provided local expertise.(Annexure VI)

The launch of this national training project apart from achieving its objectives has had a number of spin-off effects. The most relevant of these has been the bringing together of a large number of pediatric cancer specialists situated in various far flung centres of this vast country. It is for the first time that many heads worked together and important ideas emerged to raise the standards of pediatric oncology care offered to cancer afflicted children in India.

Training Module for workshop (1998-2001)

Day 1

Pre-test and introductory lecture

8.30 a.m. to 12.30 p.m : *Lectures on :*

1. Approach to diagnosis of pediatric cancer
2. Principles of pediatric oncology
3. Emergencies and Supportive care
4. Acute leukemias and lymphomas

2.00 p.m. to 5.00 p.m. : *Skill / Work stations and interactive sessions on :*

- a. Procedures in pediatric oncology
IV Access and long lines
- b. Pediatric Oncology Ward rounds
- c. Blood banking

Day 2

8.30 a.m. to 12.30 p.m : *Lectures on :*

5. Brain tumors and retinoblastoma
6. Wilm's tumor and Neuroblastoma
7. Soft tissues and other sarcomas
8. Day to day care, Late effects
9. Summary lecture

2.00 to 5.00 p.m. : *Skill / Work stations and interactive sessions on :*

- d. Chemotherapy Injections & Drugs
- e. Infection control
- f. Case studies, Miscellaneous:
slides, nutrition, BMT etc.

5.00 to 5.30 p.m. : MCQ Exam.

Modified "Training Module" for two day Workshop

Day 1

Pre-test and introduction

8.30 a.m. to 10.30 a.m : *Lectures on :*

1. Approach to diagnosis of pediatric cancer
2. Principles of pediatric oncology

10.30a.m. to 12.30 noon : *Problem oriented discussions on :-*

1. Lump in abdomen
2. Mediastinal mass / SVCS & pleural effusion.
3. Neurologic symptoms – Brain
4. Extremity mass – soft tissues, bones.

2.00 p.m. to 5.00 p.m:

Skill / Work stations and interactive sessions on :

- a. Procedures in pediatric oncology

- IV Access and long lines
- b. Pediatric Oncology Ward rounds
- c. Blood banking and blood components.

Day 2

8.30 a.m. to 10.30 pm: *Lectures on:*

1. Emergencies and Supportive care
2. Acute leukemias and lymphomas

10.30 a.m. to 1.30 pm: *Problem oriented discussions on :*

1. White eye reflex and proptosis
2. Neck lymphnode mass
3. Febrile neutropenia
4. Spinal cord compression
5. Transfusion problem
6. Gonadal mass
7. Hyperleukocytosis
8. Long term effects

2.00 to 5.00 p.m: *SkillWork stations and interactive sessions on*

- d. Chemotherapy Injections & Drugs
- e. Infection control
- f. Case studies, Miscellaneous: slides, nutri-tion, BMT etc.

5.00 to 5.30 p.m. Summary Lecture – Role of pediatrician in managing children with cancer.

5.30 to 6.00 p.m. : MCQ test.

CME Module for half-day Workshop

- 8.00 to 9.00 a.m. : Registration
- 9.00 to 9.45 a.m. : Approach to pediatric cancer.
- 9.45 to 10.30 a.m. : Principles in management of pediatric cancer.
- 10.30 to 10.45 a.m. : Tea break
- 10.45 to 11.30 a.m. : Emergencies in supportive care.
- 11.30 to 12.00 noon : Role of pediatrician in managing children with cancer.
- 12.00 noon to 1.00 p.m. : Lunch break

NTP-PPO workshops held : 1998 – 2001

*Venue	Coordinator	Central Observer	Date
Chennai	J. Solomon	R. Dalvi	Aug. 98
Chandigarh	R. K. Marwaha	P A. Kurkure	Oct. 98
Mumbai	P A. Kurkure	A.Sachdev	Dec.98
Indore	D. Pendharkar	M. Manglani	Dec.98
Jodhpur	S. Sanchetee	R. K. Marwaha	Jan'99
Guwahati	C.Bhuyan	P A. Kurkure	April 99
Ahmedabad	B. Parikh	A. Sachdev	April 99
Burdwan	N. Choudhary	P A. Kurkure	June 99
Calcutta	A. Mukherjee	L..S. Arya	Oct.99
New Delhi	A. Sachdev	P. Kurkure	Nov 99
Vellore	C. Kirubakaran	B. Agarwal	Jan 2000
Cuttack	U. Nayak	L.S. Arya	March 2000
Ludhiana	P. Sobti	S. Banavalli	April 2000
Mangalore	U.V. Shenoy	P. Kurkure	Aug 2000
Pune	S. Kanvinde	LS. Arya	Nov 2000
Trivandrum	P. KusumKumary	R. Dalvi	Nov 2000
Nagpur	V. S. Dani	SVSS Prasad	July 2001
Jaipur	H. Malhotra	G. Kapoor	Nov. 2001
Lucknow	A. Kumar	R. Dalvi	Nov 2001

INTP-PPO Workshops : 2003 onwards

Venue	Coordinator	Central Observer	Date
Hyderabad	D.Ragunath Rao	P.Kurkure	PCU Aug.03
Vadodara	Vibha Naik	A.Sachdeva	MC Nov.03
Jaipur	R.Bansal	B. Agarwal	CU Jan.04
Jamnagar	N.Agarawal	A.Sachdeva	MC Aug.04
Manglore	ATK.Rau	R. Marwaha	MC Nov.04
Bilaspur	P. Sihare	A.Sachdeva	MC April 05
Allahabad	D.Singh	P.Kurkure	MC Oct.05
Lucknow	A. Kumar	R. Dalvi	MC Nov-05
Cochin	K. Pavithran	G. Kapoor	CU Aug.06
Nashik	S.Bondarde	A.Sachdeva	CU Sep.06

CME workshop

Venue	Co-ordinator	Date
Bhopal	R. Pandey	8 th Oct.06
Patna	J. Singh / B. Agarwal	Nov.06

SAARC Workshop

Venue	Co-ordinator	Central observer	Date
Kathmandu	Dr. Kailash	Dr. A. Sachdeva	June .2004
Dhaka	Dr Mannan	Dr P Kurkure	Feb. 2007

We hope that with the help and support of all the members of the PHO chapter we will be able to take the message of "Pediatric cancers are curable" to every nook and corner of this country and our neighbours. Once the hematology oncology services are strengthened in this manner, not only will the plight of these unfortunate children be vastly improved, but also a pool of trained manpower will be created to serve these children in the future. Our earnest request to all members of the PHO chapter is to ask for these workshops to be held in your area and on our part we promise to provide as much support as we can to help you in your endeavour.

**THE NATIONAL TRAINING PROJECT – PRACTICAL PEDIATRIC
HEMATOLOGY (NTP – PPH) REPORT**

**Dr Anupam Sachdeva
National Coordinator
NTP – PPH project**

The PHO Website

Dr Shailesh Kanvinde,

**Webmaster
PHO chapter,Pune**



The official website (www.phoindia.org) of the PHO Chapter was launched in June 2007. This website highlights the various activities and achievements of the Chapter. It also intends to act as a forum for interaction between pediatric hematologists and oncologists, as well as a source for information regarding activities and events in this field anywhere in India and abroad.

The website has the following features:

- (1) **Home page:** provides for easy navigation to the desired page. Current achievements and forthcoming events are displayed prominently.
- (2) **About us:** features the Chairperson's message, annual report of the Chapter, and list of current and past office bearers of the Chapter. Various awards and achievements of the Chapter are also highlighted.
- (3) **Events:** provides information regarding past Annual Conferences (PHOCON). Information regarding the forthcoming PHOCON, including the scientific program, registration details, abstract submission guidelines, etc, are updated on a regular basis. Facility for online submission of abstracts for PHOCON is available. Guidelines for organizing PHOCON are put up on the site. The "Calender of Events" section gives a list of forthcoming programs in pediatric hematology and oncology. Anybody conducting a program in these fields (may be unrelated to the PHO chapter) could put up information regarding the event on this page. This facility could help in reducing the cost of mailing for such programs.
- (4) **Projects:** Information regarding historical aspects, training modules, sites of past workshops, etc, regarding the National Training Project in Practical Pediatric Oncology (NTP-PPO) and the Practical Pediatric Hematology Workshops is available on this page.
- (5) **Publications:** The online version of the PHO bulletin is available from forthcoming issues. We are in the process of uploading online versions of past issues. National consensus guidelines for management of common pediatric Hematology and Oncology diseases are being prepared and would be available shortly.
- (6) **Membership:** List of current members is available. This list is sortable by city and state, so one can find out PHO members in a given locality. Detailed addresses / email Ids are not available. New membership form can be downloaded from the site.

The PHO website is constantly being upgraded. Soon, we will be introducing other features such as interactive forum for discussion and links to other relevant sites. Suggestions for the same are welcome. For website related queries / suggestions, please contact Dr Shailesh Kanvinde: webmaster@phoindia.org; skanvin@vsnl.net.

THE WEBSITE PAGE

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Address http://www.phoindia.org/

Pediatric Hematology and Oncology Chapter
Indian Academy of Pediatrics

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→ News e held in Mumbai from 29th October, 2007 to 3rd November, 2007

PHO Chapter gets "Best Chapter of IAP" Award for the year 2006.

SIOP 2007
39th Annual Conference of the International Society of Paediatric Oncology will be held in Mumbai from 29th October, 2007 to 3rd November, 2007 ...
[Read More>>](#)

PHO Bulletin
Published thrice a year, it contains useful articles on various topics in Paediatric Oncology and Hematology...
[Read More>>](#)

NTP-PPO
A 2 day training Program, organised by PHO chapter, to sensitize pediatricians and pediatric surgeons to basic concepts in management of

PPH Workshop
Devised by the PHO chapter, This interactive workshop covers various topics in pediatric Hematology useful in

Practice Guidelines
Regarding various common Pediatric Hematology and Oncology topics will be available soon.

start | Internet | 12:55

IN SEARCH OF EXCELLENCE

THE NATIONAL CONSENSUS COMMITTEES ON PAEDIATRIC BLOOD DISORDERS AND CANCER



Dr. Nitin Shah
President IAP, 2006 &
member, Chairperson, Consesus Committees



DR. ATK RAU,
National consensus committee
Mangalore

The national consultative committees on various pediatric blood disorders and cancer was instituted in 2006 under the IAP action plan 2006 under the astute leadership of the then IAP president **Dr Nitin Shah** and later carried forward in 2007 by the present president of the IAP, the indomitable **Dr. Navin Thakker**.

Under this programme, a number of experts in various blood disorders in children and cancer were flown in from different part of the country to attend brain storming sessions spread over 1 to 2 days culminating in the formulation of national guidelines for the diagnosis and management of these disorders. The meeting were held at different locations over the past 18 months and was attended by enthusiastic experts from all over the country.

Chosen speakers among the invitees were notified in advance about a particular aspect of each topic and requested to research background material and then make a presentation to the assembled experts, along with a recommended statement to be included in the guidelines. This statement was discussed threadbare and the consensus opinion reached was finally included in the draft of the guidelines and circulated amongst all invitees for their final comments. Once finalized, these guidelines will be published in the journal of the IAP [Indian Pediatrics] as a measure to help pediatricians and pediatric hematologists - oncologist all over the country in following standard treatment protocols for each disorder, thereby bringing in uniformity in the diagnosis and management of these disorders

The various meetings held so far were:

1. Acute Lymphoblastic Leukemia -Mumbai, Feb 2006
Chairperson- Dr N.Shah, Convenors - Dr.S.Banavalli & Dr. MR Lokeshwar
2. Immune Thrombocytopenic Purpura - Mumbai, Mar 2006
Chairperson - Dr. N Shah, Convenors - Dr. M Manglani & Dr. MR Lokeshwar
3. Blood and component transfusions in pediatrics - Mumbai, April 2006
Chairperson- Dr N.Shah, Convenors - Dr. A Sachdeva & Dr RK Marwaha
4. Hemophilia -New Delhi, June 2006
Chairperson- Dr N.Shah, Convenor - Dr. A Sachdeva & Dr B.Agarwal
5. Thalassemia - New Delhi, June 2006
Chairperson- Dr N.Shah, Convenor - Dr. A Sachdeva & Dr B.Agarwal
6. Factor VII A – New Delhi, June 2006
Chairperson- Dr N.Shah, Convenor - Dr. A Sachdeva & Dr B.Agarwal

7. Iron Deficiency Anemia – New Delhi June 2006

Chairperson- Dr N.Shah, Convenor - Dr. A Sachdeva & Dr B.Agarwal

8. Non Hodgkins Lymphoma - Mumbai, June 2007

Convenors- Dr N.Shah, Dr.S.Banavalli & Dr. A Sachdeva

9. Hypoplastic anemia - Mumbai, July 2007

Convenors- Dr N.Shah, Dr. A Sachdeva & Dr B.Agarwal

10. Hodgkins lymphoma - Mumbai, Aug 2007

Convenors- Dr N.Shah, Dr.S.Banavalli & Dr. A Sachdeva

The guidelines for all 10 disorders are now in the final stages of compilation and will be released soon. Needless to add, an exercise of this magnitude involving the travel, stay and hospitality of so many experts not once but ten times over an eighteen month period required the dynamic leadership that only the two presidents and their teams could display. It also required the whole hearted support of the expert team who had gone out of their way and contributed magnificently to the project each in their unique and whole hearted manner. If the guidelines are well received by our esteemed colleagues and prove to be a help in their day to day practice of pediatric hematology and oncology, we in the consensus committee would feel that it was a job well done. Many of us also feel that the camaraderie and closeness generated among the assembled experts during the meetings, may herald in the near future, the establishment of the first National Children's Hematology and Oncology group in India on the lines of the COG in the USA and POG in the Europe.

❖ **IAP Guidelines 2006 on diagnosis & Management of ITP in Children**

Writing Group: MR Lokeshwar; Mamta Manglani; Nitin K. Shah; Bharat Agarwal; Anupam Sachdev; Minal Wade; Deepak Ugra

List of experts present at the meeting: Chairperson: Nitin K. Shah; **Conveners:** MR Lokeshwar; Mamta Manglani; **Members:** Bharat Agarwal; Anupam Sachdev; Raj Warriar; V. P. Choudhry; R. K. Marwaha; Jagdish Chandra; Mukesh Desai; Nilesh Lokeshwar; Rashmi Dalvi; Swati Kanakia; Amita Mahajan; Krishnakumar; Leni Mathews; ATK Rau; Archana Kumar; Shailesh Kanvinde; Vineeta Gupta; Ratna Sharma; SP Yadav; Minal Wade

❖ **IAP Guidelines 2006 on Acute Lymphoblastic Luekemia**

Writing Group: MR Lokeshwar; Shripad Banavali; Nilesh Lokeshwar; Nitin Shah; Deepak Ugra

List of experts present at the meeting: Chairperson: Nitin Shah; **Conveners:** MR Lokeshwar; Shripad Banavali; **Members:** Naveen Thacker; Deepak Ugra; Raj Warriar; Bharat Agarwal; Anupam Sachdev; PA Kurkure; Mamta Manglani; Brijesh Arora; L. S. Arya; Sameer Bakhshi; Roshni Bhagwat; Anita Chandra ; Rashmi Dalvi; Sailesh Kanvinde; Gauri Kapoor; Nilesh Lokeshwar; R. Marwaha ; A. T. K. Rau; Satyamurthy; Anjana Sainani; Amish Vora; Minal Wade

❖ **IAP Guidelines 2006 on Blood Components**

Writing Group: Anupam Sachdev; Ram Marwaha; Nitin K. Shah; Bharat Agarwal; Samridh Nagar; SP Yadav; Deepak Ugra

List of experts present at the meeting: Chairperson: Nitin K. Shah; **Conveners:** MR Lokeshwar; Mamta Manglani; **Members:** Bharat Agarwal; Anupam Sachdev; V. P. Choudhry; R. K. Marwaha; Jagdish Chandra; Mukesh Desai; Rashmi Dalvi; Nilesh Lokeshwar; Swati Kanakia; Amita Mahajan; Krishnakumar; Leni Mathews; ATK Rau; Archana Kumar; Shailesh Kanvinde; Ratna Sharma; Vineeta Gupta; Samridh Nagar; SP Yadav; Debashish Gupta; Navjyoti ; Kavita Choudhary; Sunil Rajadhyaksha; Anand Deshpande; RG Holla

❖ **IAP Guidelines 2006 on diagnosis and management of Thalassemia**

Writing Group: Anupam Sachdev; Nitin K. Shah; Bharat Agarwal; Vinita Jain; SP Yadav; Deepak Ugra

List of experts present at the meeting: Chairperson: Nitin K. Shah; **Conveners:** Anupam Sachdev; Bharat Agarwal; **Members:** MR Lokeshwar; V. P. Choudhry; Mamta Manglani; R. K. Marwaha; Archana Kumar; Sharmila Chandra; Praveen Sobti; Rajeev Bansal; Rajat Kumar; Renu Saxena; SP Yadav; Ratna Puri; Velu Nair; Neelam Mohan; Archana Arya; V.K.Khanna; Jagdish Chandra; A.P. Dubey; Sunil Gomber; ATK Rau; Mrs. Shobha Tuli

❖ **IAP Guidelines 2006 on diagnosis and management of Hemophilia**

Writing Group: Anupam Sachdev; Nitin K. Shah; Bharat Agarwal; Sunil Dutt; SP Yadav; Deepak Ugra;

List of experts present at the meeting: Chairperson: Nitin K. Shah; **Conveners:** Anupam Sachdev; Bharat Agarwal; **Members:** MR Lokeshwar; V. P. Choudhry; Mamta Manglani; R. K. Marwaha; Archana Kumar; Renu Saxena; SP Yadav; Vinita Jain; Ratna Puri; A. Sharma; Neelam Mohan; Jagdish Chandra; Amita Mahajan; ATK Rau; Mr. Vinod Kaul

❖ **IAP Guidelines 2006 on Recombinant Activated Factor VIIa (rFVIIa)**

Writing Group: Anupam Sachdev; SP Yadav; Nitin K. Shah; Bharat Agarwal; Vinita Jain; Ruchira Misra; Deepak Ugra

List of experts invited at the meeting: Chairperson: Nitin K. Shah; **Conveners:** Anupam Sachdev; Bharat Agarwal; **Members:** HR Badrinath; Asif Ali; Dhiren Gupta; SP Yadav; Ruchira Misra; K Chugh; Vivek Nangia; Praveen Khilnani; Dinesh Bhurani; Vinita Jain; Arvinder Soin; Renu Saxena; MR Lokeshwar; V P Choudhary; Col. Velu Nair; Mamta Manglani

❖ **IAP Guidelines 2007 on Pediatric Non – Hodgkin’s Lymphoma**

List of experts present at the meeting: Chairperson: Naveen Thacker; **Conveners:** Nitin Shah; Shripad Banavali; Anupam Sachdeva; **Members:** MR Lokeshwar; Raj Warriar; Bharat Agarwal; PA Kurkure; Mamta Manglani; Brijesh Arora; L.S. Arya; Sameer Bakhshi; Rashmi Dalvi; Shailesh Kanvinde; Gauri Kapoor; Nilesh Lokeshwar; R.K. Marwaha; A.T.K. Rau; Suresh Pai; Anjana Sainani; Anupama Borker; TG Sagar; Mkuesh Desai; Archana Swami; P. Kusumkumari; Sumeet Gujral; **Ex – officio:** Deepak Ugra

❖ **IAP Guidelines 2007 on Pediatric Hypoplastic Anemia**

List of experts present at the meeting: Chairperson: Naveen Thacker; **Conveners:** Nitin Shah; Anupam Sachdev; Bharat Agarwal; **Members:** MR Lokeshwar; Mamta Manglani; V.P. Choudhary; Jagdish Chandra; Leni Mathews; Rashmi Dalvi; Shailesh Kanvinde; Nilesh Lokeshwar; R.K. Marwaha; A.T.K. Rau; Revathi Raj; Mkuesh Desai; Archana Swami; Rajat Kumar; **Ex – officio:** Deepak Ugra

❖ **IAP Guidelines 2007 on Pediatric Hodgkin’s Lymphoma**

List of experts present at the meeting: Chairperson: Naveen Thacker; **Conveners:** Nitin Shah; Shripad Banavali; Anupam Sachdeva; **Members:** MR Lokeshwar; Raj Warriar; Bharat Agarwal; PA Kurkure; Mamta Manglani; Brijesh Arora; L.S. Arya; Sameer Bakhshi; Rashmi Dalvi; Shailesh Kanvinde; Gauri Kapoor; Nilesh Lokeshwar; R.K. Marwaha; A.T.K. Rau; Suresh Pai; Anjana Sainani; Anupama Borker; TG Sagar; Mkuesh Desai; Archana Swami; P. Kusumkumari; Anita Borges; S. Laskar **Ex – officio:** Deepak Ugra



Guidelines for the conduction of the National Conference of the PHO chapter (PHOCON)

Organizing Committee, PHOCON 2004, Mangalore.

The annual conference of Pediatric Hematology-Oncology is being held at the national level every year since 1997. The basic reason behind holding the conference is to create a collaborative environment that serves as a foundation for advancing knowledge in the field of Pediatric Hematology & Oncology. There are several difficulties and issues that arise when holding large conferences at the national level with national and international faculty/ delegates attending. The following guidelines may help youngsters in the PHO chapter when planning to conduct the conference in the future.

Raising funds:

This is probably the most important step in holding a conference. It is always debated whether pharmaceutical industries need to be involved for funding. Finance can be raised from delegate fee, sponsorships and advertisements in the souvenir. Approximately 1/4 to 1/3 revenue can be expected from delegate fee and rest has to be raised from sponsorships and advertisements. The delegate fee can be kept in different slabs with 40 to 50% concession for postgraduate students. Excess money collected over and above the expenditure can be handed over to the central corpus fund. It is better if only one person (usually the treasurer) handles all aspects of finance.

Notification:

Apart from announcements in various journals, personal communication to all the members of the chapter is desired. Brochures may be sent 3 times, once for early bird registration, the 2nd with names of confirmed faculty and the 3rd with programme details. Brochures should be attractive and informative with details on travel and accommodation highlighted in all three editions. However, lavish expenditure on brochures is really not essential.

Venue:

The venue is to be chosen, keeping in mind the number of delegates likely to be attended. An open-air venue is out of the question in the present era of power-point presentations and for acoustic reasons. Closed venues with provision to control lighting for good visibility of the projections and a good sound system without echoes is a necessity. Air conditioning of the venue is desirable, if possible in places where ambient temperatures are high. The cost of the venue is another important issue especially in big cities where the rent for the duration may exceed Rs 5 lakhs. A medical college auditorium or a hotel conference hall is ideal. If the size of the venue matches the number of delegate expected, it will certainly help in bringing down the cost.

Hospitality:

This is another important aspect as all delegates evince keen interest in the details of food and hospitality available and many assess the success of the conference in this aspect alone. However, it should not take priority over scientific program. Handing over responsibility of food to one caterer will help in reducing the bill. On an average Rs.200/- per head/day in smaller towns and Rs.300/- to Rs.500/day in larger cities may be kept aside for this purpose in the budget. It is well accepted that, all IAP faculty speakers and chairpersons have to register for the conference and also bear their own expenses for travel. For non-IAP faculty, the organizing committee should bear both travel and local hospitality expenses. Local persons can be made as chair persons, so that one can then expect better 'local' involvement and support, which is essential for the successful culmination of the conference

Inauguration:

The inauguration ceremony may be held on the previous evening after the CME or on the morning of first day of conference. It should be brief and it is usually well received if an eminent scientific personality inaugurates the conference. Politicians are better avoided because of the obvious chaos they create by coming late, their security difficulties and traffic irregularities.

Scientific content:

Careful thought to be given to the scientific content and appropriateness of the contents of each session keeping in mind the target audience. One must decide if the focus of the conference is going to be the general pediatrician or the pediatric hematologist and oncologist. If it is the latter, more efforts will need to be made to gather funding and registrations as the numbers of those interested in advance hemat – oncology will be few and far in between. Of late, many organizing committees have found that holding concurrent sessions for the two groups is an excellent way out of this dilemma. Coordination with the central body in charting out the scientific programme is always helpful. A balance is to be achieved between hematology and oncology topics. A pre conference CME helps in accommodating more topics and if imaginative draws the postgraduates in large numbers. Co-ordination between the faculty members is vital for effective delivery of information, especially in the workshops and symposium. This can be achieved by prior email discussions among the faculty members. Hands on workshops can be conducted concurrently one day prior to conference, with separate fee. It is essential that speakers should adhere to the timings and if necessary audio aids may be switched off at the end of the allotted period of time. Five to ten minutes can be kept for question answer after each session and delegates may be encouraged to interact with the faculty during the coffee breaks and lunch. It is better to provide participants with printed material of the scientific sessions well in advance, so that they can come prepared for the workshops. Conference delegates may all be given souvenir in which details of the subjects discussed are made available. Double projection with a good sound system will make the conference a real scientific feast. We are confident that, if the factors mentioned above are kept in mind by the organizing committees, all PHOCONs in future will be great successes in every aspect.

PHOCONS THROUGH THE YEARS

Year	PHOCON	Venue	Organising Secretary
1997	First	Mumbai	Bharat Agarwal, Rashmi Dalvi
1998	Second	Chandigarh	R.K. Marwaha
1999	Third	Delhi	Anupam Sachdeva
2000	Fourth	Kolkata	A. Mukhopadyaya
2001	Fifth	Lucknow	Archana Kumar
2002	Sixth	New Delhi	L.S. Arya
2003	Seventh	Pune	Sailesh Kanvinde
2004	Eighth	Mangalore	A.T.K. Rau
2005	Ninth	Bilaspur	P. Sihare
2006	Tenth	Vellore	Leni Mathews
2007	Eleventh	Mumbai	Bharat Agarwal

The PHO Oration



Dr Shridhar Avabratha, Member, Org. Committee, PHOCON 2004, Mangalore

PHOCON, the annual conference of the Paediatric Hematology –Oncology chapter of the IAP is being held at the national level every year with the aim of advancing knowledge in the field. However this can be achieved only if the scientific programs and speakers are chosen correctly. Careful thought is to be given to the scientific contents and its appropriateness. Co-ordination with central body in planning out the scientific programme is essential and usually results in a fund of information and support. The programme itself runs for about one and a half days in a two day affair. A balance has to be achieved in the distribution of the haematology and oncology topics for the event. Pre conference CME's on the previous day helps in accommodating more topics for the benefit of post graduates.

The PHO oration is usually kept on the first day of the conference usually at a time when the maximum number of delegates is expected to be present. This usually means that it is scheduled in the mid morning or pre lunch session. Persons who have excelled in the field of Hematology or oncology are invited to deliver the oration. The organising committee with the help of the central body should decide on whom to invite for the oration. The duration of the oration is about one hour.

After charting out the scientific programme, selecting the right person for each of the talks is another major step. Invitations to faculty who are authorities on particular topics are usually sent out by the central body after due consultation with the organizing committee. However, the cost of travel of these guests speakers need to be factored in at this stage. They can be international, national or state level in their academic background and all must be informed well in advance about the topic, target audience, duration of talk and facilities available in the hall. A request to the faculty by the scientific committee to speak from experience and not from books makes the conference even more exciting. Availability of the speaker and other constraints are also to be kept in mind. Co-ordination between faculty members is vital for effective delivery and non repetition of material especially in workshops and symposiums. This can be achieved by prior email discussions. It is essential that speakers should adhere to the timings. Five to ten minutes can be kept for question answer after each session. Additional discussions can be done directly during the breaks. Conference delegates need to be given a souvenir to carry home. As far as possible, the souvenir should contain important messages and scientific deliberations as also abstracts of the papers being presented.

The PHO Oration over the years

No.	Site	Meeting	Year	Person
1	Mangalore	PEDICON	1996	R.P Warriar
2	Ahmedabad	PEDICON	1997	S.O. Lie
3	Chandigarh	2 nd PHOCON	1998	V.P. Choudhary
4	N. Delhi	3 rd PHOCON	1999	M.R. Lokeshwar
5	Kolkata	4 th PHOCON	2000	Y. Ravindranath
6	Lucknow	5 th PHOCON	2001	S.H. Advani
7	N. Delhi	4 th SIOP Asia & 6 th PHOCON	2002	H.P. Wagner
8	Pune	7 th PHOCON	2003	P. Kurkure
9	Mangalore	8 th PHOCON	2004	M. Chandy
10	Bilaspur	9 th PHOCON	2005	RK. Marwaha
11	Vellore	10 th PHOCON	2006	LS Arya
12	Mumbai	SIOP 2007	2007	----
13	Delhi	12 th PHOCON	2008	TBC

THE PHO BULLETIN

PHO BULLETIN : A BRIEF HISTORY IN TIME

Dr Rashmi Dalvi, Chief Editor

“Blood sustains life”- to quote from Charak Samhita, 24-4 , 6th century AD. This has been the motto of our publication since its inaugural issue, and likewise the spirit of enthusiasm of its members has sustained the chapter’s progress. Within three gestational months of the chapter’s inception, Dr M R Lokeshwar published the first issue of the ‘**PHO Newsletter**’ in January 1988, with the vision of providing a mouthpiece for the stalwarts in the field and a medium for stimulating interest in the subject in young and not so young, but eager minds. Over the next 6 years, this activity continued under the leadership of Dr Lokeshwar and then Dr Purna Kurkure, disseminating scientific information, recent advances and newer techniques. In 1994, Dr Bharat Agarwal who took over the reins as editor heralded the first phase of metamorphosis, or as he likes to call it, the chapter’s seven-year itch – the newsletter now christened ‘**PHO Review**’ was brought out in a series of 3 issues a year. During this period through generous sponsorships raised from the pharmaceutical industry, Dr Agarwal achieved the feat of mailing our publication out to all 10,000 members of the Indian Academy of Pediatrics, at no cost to members. This was thus a much-looked-forward-to mailing and also resulted in an increase in the membership strength. Over the years it has been possible to sustain this activity due to the benevolence of our colleagues from the pharmaceutical industry, among them being Natco Pharma, Sandoz india, Piramal HealthCare, Fulford India, Cipla Askigen, Franco Indian Pharmaceuticals, Roche Scientific , Novo Nordisk India , to name a few. However, accruing funds is an uphill task and we welcome suggestions and help from members to ensure this sustainability.

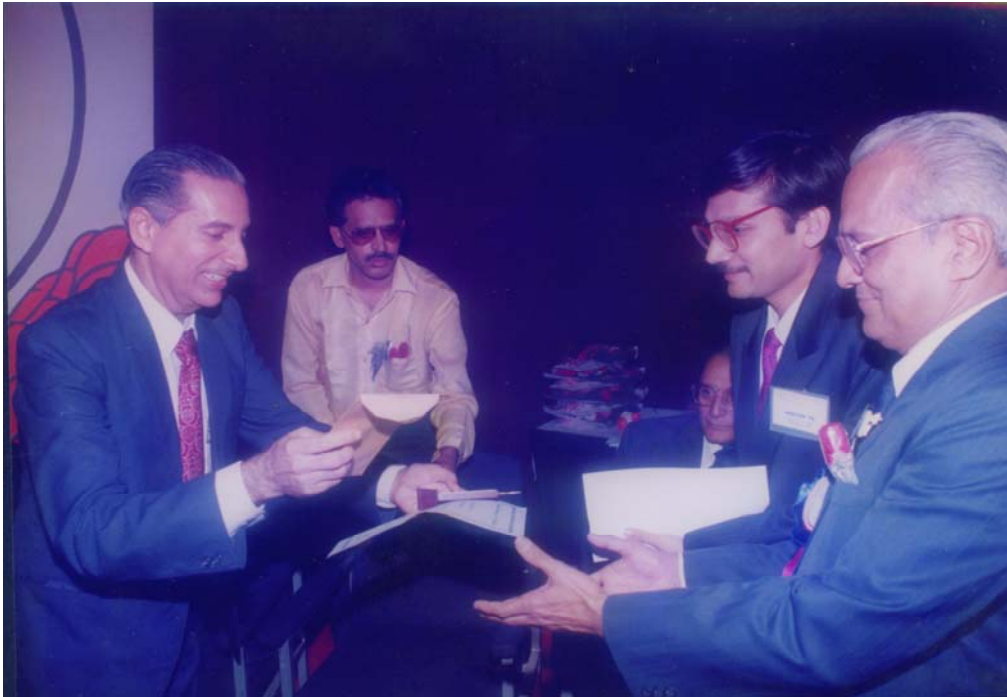
In 1997, the publication moved to the academic corridors of the PGIMER at Chandigarh when Dr Ram Marwaha took over. The academic content of the publications have matured with time starting with Hematology in Ayurveda as the first article in 1988 and now to topical ones such as the use of Recombinant activated factor VII in clinical practice. Over the years the issues have covered basic issues like nutritional deficiency anemias, approach to various clinical situations in hematological practice, outlining optimal therapeutic strategies for common diseases. We have also covered a lot of ground with common oncological challenges, guidelines for appropriate use of blood products. The publication has also been a platform for increasing awareness of the various activities of the chapter at national and international levels and through our dialogue sessions provided a forum for members to voice their inputs. In 1997, a bound volume of retrospective issues was compiled by Dr Agarwal. At the same time since the publication became a more demanding activity it was decided to bifurcate the positions of Editor & Secretary of the PHO Chapter. The activities continued further as I took charge of the editorship in January 2003, with the publication having undergone a further metamorphosis (to reduce postal costs!) to **PHO Bulletin**. We then attempted to work on a topic-centric basis bringing out issues on anemias, oncology, coagulation disorders and so on. In 2005 , an editorial team was formed with Dr Dalvi as Chief Editor, Dr Anupam Sachdeva as Executive editor and Dr Borker as member. We are now on the brink of trying to achieve a final maturation into a journal of Pediatric Hematology Oncology.

To achieve this we need a steady corpus fund and active participation of all members to use this platform for exchange of ideas, disseminating new knowledge and putting forth suggestions and constructive criticism. It has been an interesting journey chronicling the chapter publication and viewing the growth of the chapter, its members and activities through the written word.

Editor
PHO bulletin

Gallery

Simply the best ! Best Chapter of IAP Awards



Dr MR Lokeshwar (Chairperson) and Dr Bharat Agarwal (Secy) receiving the “Best Chapter” award from Dr YK Amdekar, President IAP

Yet again!



Dr Nitin Shah and Dr Bharat Agarwal receiving the “Best Chapter” award from Dr MR Lokeshwar, President IAP

PHO Oration



Dr MR Lokeshwar delivering the PHO Oration. Chandigarh 1998



PHO oration awarded to Prof. Sverre O. Lie at Ahmedabad, Pedicon 1995, January.
Chairperson of PHO Chapter, Dr. V.P. Choudhary seen on extreme right.

1st National training project –INTP-PPO,Mumbai 1997



Dr Bharat Agarwal welcoming the delegates while Drs VP Choudhry, SO Lie and MR Lokeshwar look on



Dr N.C. Joshi, Dean, BJWHC addressing the gathering while Drs VP Choudhry, SO Lie and Rashmi Dalvi look on



The Faculty:(L to R) Drs MR Lokeshwar, Y Ravindranath, RK Marwaha, SO Lie, HP Wagner, Raj Warriar



Standing(L to R) Drs Bagarwal, A Sachdeva, VP Choudhry,RK Marwaha,
LS Arya, Sitting(L to R) Drs P Kurkure,SO Lie, P.M. Shah, Y Ravindranath



Attending delegates in a pensive mood.



Thank God it's over! Portrait at the end of the meeting

2nd National training project –INTP-PPO,Mumbai 2002



Lead kindly light. Dr SO Lie lighting the inaugural lamp



L to R: Drs BAgarwal, Dr. Bipin Shah, Dr. Bawaskar, Dr. SO Lie, Alan Craft, LS Arya



Distinguished delegates in rapt attention



Dr Purna Kurkure addressing the gathering while Drs RK Marwaha and Mamta Manglani look on

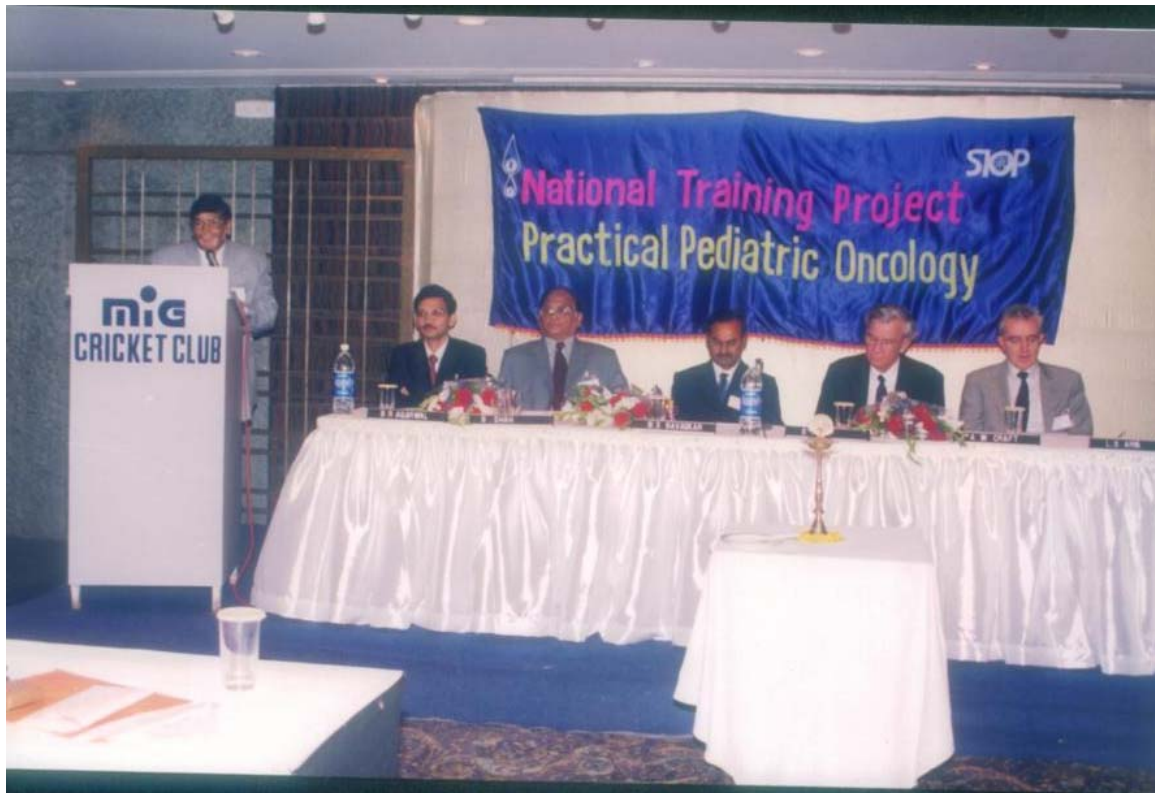


Dr Hans Wagner making a point. Seen on the dias (LtoR) Drs B Agarwal, Dr. Bipin Shah, Dr. Bawaskar,

, SO Lie, Alan Craft and LS Arya



Delegates paying undivided attention to the proceedings



Dr LS Arya delivering the welcoming address. Seen (L to R) Drs B Agarwal, Dr. Bpin Shah, Dr. Bawaskar, SO Lie, Alan Craft

1st PHOCON 1997, Mumbai



Ist PHOCON - Dr Bharat Agarwal escorting the chief guest – Mumbai 1997



Ist PHOCON - 1997: a view of the delegates



The young organizing team. Also seen (in the background) Drs B Agarwal and R Dalvi



Dr MR Lokeshwar addressing the gathering



Dr Rashmi Dalvi escorting the chief guest to the venue

PHOCON 1998, Chandigarh



2nd SIOP Asia and PHOCON 2002, New Delhi



Sh. LK Advani, Dy PM, Govt of India, Dr LS Arya, Org Chairman, Sh Sunil Dutt, MP and Dr MR Lokeshwar at the inauguration



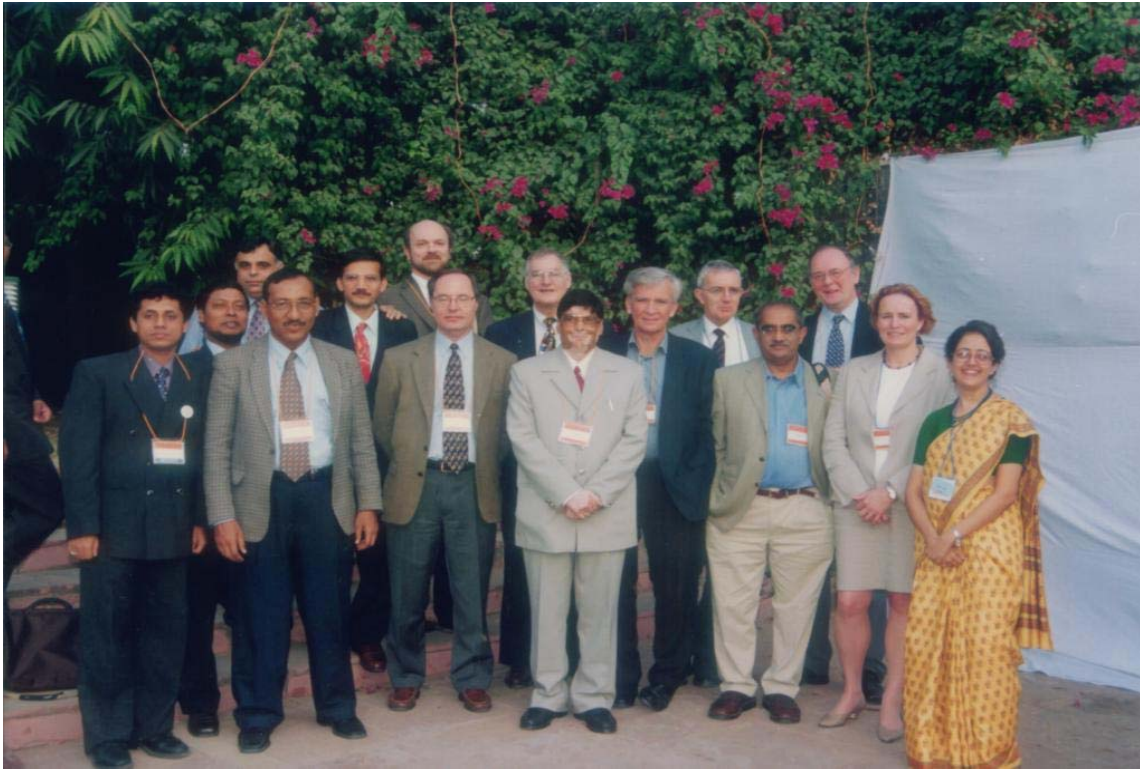
Sh Shatrughan 'shotgun' Sinha, Union health minister, Govt. of India delivering the keynote address



Dr SO Lie releases the souvenir



Drs Raj Warriar, MR Lokeshwar and B Agarwal in discussion



Faculty from far and near



Seen (L to R) Drs HP Wagner, R Dalvi, R Warriar, P Agarwal, MR Lokeshwar



Dr B Agarwal receiving a memento from



The office bearers: (L to R) Drs MR Lokeshwar, B Agarwal, R Dalvi, LS Arya



Dr SO Lie (L) felicitating Dr B Agarwal



Dr B Agarwal felicitating Dr MR Lokeshwar (L) on the occasion

PHOCON 2003, Pune



Audience Participation at PHOCON 2003, Pune



Dr. Shailesh Kanvinde, Organising Secretary at the Inauguration of PHOCON 2003, Pune



Faculty, PHOCON 2003, Pune. From left to right – Sr. Mary George, Dr. M. Muckaden, Dr. Rashmi Dalvi, Dr. Anupam Sachdeva, Dr. Shailesh Kanvinde, Dr. Purna Kurkure & Dr. Mamta Manglani

PHOCON 2004, Mangalore



Prof PN Krishnamurthy, lighting the lamp while (L to R) Drs HS Ballal, VC Manipal University, Lt Gen Raghunath chief guest, Dr Ramdas Pai, President Manipal University and Dr RK Marwaha chairperson PHO Chapter and Dr ATK Rau look on



Dr CV Raghuvver, Dean KMC, Mangalore welcoming the gathering. Seen seated (L to R) Drs ATK Rau, Errol Pinto, A Sachdeva



Dr ATK Rau proposing the vote of thanks at the inaugural ceremony



Yakshagana! The cultural programme in full swing. Mangalore 2004

PHOCON 2005, Bilaspur, Chattisgarh



Ministers of the Govt of Chattisgarh lighting the lamp



Red tape or red ribbon ? Drs A Sachdeva and B Agarwal with members of the organizing committee
PHOCON 2005



Dr B Agarwal delivering the presidential address – PHOCON 2005



Dr MR Lokeshwar receiving felicitations from the organising committee



Dr Lokeshwar giving the memento to Dr



Dr Pradeep Sihare, Organising secretary, PHOCON 2005, welcoming the gathering



The Chairperson and Secretary, PHO chapter 2005. Drs A Sachdeva and B Agarwal.

PHOCON 2006 – CMC, Vellore



Dr Leni Mathews, organizing secretary, PHOCON 2006 welcoming the delegates



Dr Bharat Agarwal(right) chairperson PHO chapter and Dr A Sachdeva (Centre) secretary – PHO chapter felicitating Dr LS Arya (left) after the PHO oration 2006



Dr Bharat Agarwal felicitating



Dr Bharat Agarwal (L) presenting a memento to Dr Leni Mathews (Organising secretary)

Release of IAP Subspecialty PHO Book



Release of IAP Speciality book on Pediatric Hematology and Oncology at Pedicon 2007 at Mumbai, January 11, 2007. From (L to R): Drs. A. Sachdeva NK Shah, MR Lokeshwar, RK Agarwal (President Elect - IAP) and B Agarwal.

The consensus committee at work

The National consensus committee in progress



Seen (L to R) Drs LS Arya, G Kapoor, ATK Rau, A Sachdeva,
P Kurkure, Raj Warriar, RK Marwaha, S Kanvinde



Seen (l to r) Drs A Sachdeva, MR Lokeshwar, S Kanvinde
Rashmi Dalvi, S Banavalli, G Kapoor, M Manglani, N Shah



(L to R) Drs RK Marwaha, Anita Chandra, Bharat Agarwal, LS Arya



PHOCON 2005 in progress – Bilaspur, Chattisgarh