

2019

Association of
Neonatal Therapists
(ANT)

Core Committee
ANT



[1ST ANNUAL NATIONAL CONFERENCE REPORT]

This report summarizes the purpose, proceedings and outcome of First Annual National Conference of ANT. It Was held at Hotel Tip Top Plaza, Thane on 3rd March, 2019.

CONTENTS

Purpose of the conference	3
WELCOME ADDRESS	4
COMPREHENSIVE PLAN FOR “CONSOLIDATING FOUNDATIONS”	4
INAUGURATION	5
Former V-C of Maharashtra University of Health Sciences, Dr. Mrudula Phadke, inaugurating the National Conference of Association of Neonatal Therapists. Courtesy: THE HINDU NEWSPAPER.....	5
Guest of Honor	6
DR. KIRIT SOMAIYA CONFERING TROPHY TO ESSAY COMPETITION WINNER MS.ANU MEENA PHOTO BY:GAJINDER SAINI	6
Keynote address	7
Guest Speaker	7
Scientific Session	8
Free Papers	8
Innovative Technology	8
Splint and Adaptive Device Presentation	8
Topic Presentation	9
Panel Discussion	9
ROADMAP TO CERTIFICATION-1.....	10
ROADMAP TO CERTIFICATION-2.....	10
Valedictory Function	11
Winners.....	11
1. Essay Competition	11
2. Best Scientific Paper	11
3. Best Poster	11
4. Best Innovative Technology	11
5. Best Splint	11
FELICITATION OF THE FOUNDER MEMBERS	11
ADV. KRISHNAKUMAR KOLI, EX. SABHAGRUH NETE, THANE MUNICIPAL CORPORATION.....	11
WORKING GROUP	12
Scientific Chairperson	12
Scientific Committee Members	12
Organizing Secretary	12

Finance:.....	12
Abstract Submission and Registration	12
Media & Marketing.....	12
Reception:	12
PUBLICITY:	12
Creative Agenda Planning:	12
Essay Competetion Evaluation :	12
REPORT PREPERATION: <i>Nandgaonkar Hemant, Sonal Sharma, Usha Kasar, Sheetal Tatar, Sneha Sanap, Disha Sanghavi, Chakradhar Mali</i>	12
MESSAGE FROM THE CHIEF GUEST	13
LETTER OF APPRECIATION FROM DR. KIRIT SOMAIYA	15
From The Desk of The Dean,LTMMC & G.Hospital ,Sion,Mumbai	16
From The Desk of Scientific Committee Chairperson	17
In the Limelight	17
THE HINDU	18
PUDHARI (Marathi Newspaper)	20
LOKMAT (MARATHI LANGUAGE)	21
FOUNDER MEMBERS OF ASSOCIATION OF NEONATAL THERAPISTS	22
DELEGATES OF THE 1ST ANT CONFERENCE.....	22

PURPOSE OF THE CONFERENCE

First Annual National Conference of ANT was organized as “our small gesture to protect the Tiny Babies and enhance their abilities by coming together and sharing ideas”. The event is open for all the professionals interested in empowering the babies in Neonatal Intensive Care Unit. **The theme of the conference was “Consolidating Foundations”.**

The occasion was mainly planned for Free Papers, Poster Presentation, Splint or device presentation, Innovative Technology, Essay competition, Panel Discussion & Guest lectures.

As a part of awareness, an Essay competition was announced prior to the event and Prize declared was the waiver of the Registration fee of the conference.

WELCOME ADDRESS

In the welcome statement President and Vice President briefed the audience about the mission, vision and objectives of the ANT. They summarized about the mode of the accomplishing those by illustration.



COMPREHENSIVE PLAN FOR “CONSOLIDATING FOUNDATIONS”

INAUGURATION

Inauguration of the conference was done by Dr. Mrudula Phadke, Sr, Advisor, NRHM, UNICEF; Member, Global Advisory Committee on Vaccine Safety, WHO, Geneva; Adjunct Professor, Ex - Vice Maharashtra University of Health Sciences, Nashik. Dr. Phadke She said it is critical for everyone to know the importance of the first 1,000 days of life, starting from the time a child is conceived in the mother's womb to two years after birth. "Having a neonatal therapist in every hospital is the need of the hour. Stimulating babies in NICU and providing responsive care is important. There are chances of delay in brain development, if proper care is not provided." She emphasized the need of starting the university level course for Neonatal Therapy.



FORMER V-C OF MAHARASHTRA UNIVERSITY OF HEALTH SCIENCES, DR. MRUDULA PHADKE, INAUGURATING THE NATIONAL CONFERENCE OF ASSOCIATION OF NEONATAL THERAPISTS. COURTESY: THE HINDU NEWSPAPER

GUEST OF HONOR

Dr. Kirit Somaiya, Member of Indian Parliament said that for this herculean task all the professionals and stakeholder should consider as the mission for the lifetime. They should be dedicating 20-30 years of their professional life to achieve the desired goal.

Dr. Phadke launched the [eSouvenir](#) and was immediately published on the website of the association. Winner of the Essay Competition Ms. Anu Meena from Jaipur, Rajasthan was awarded with trophy and certificate by Dr. Somaiya.



**DR. KIRIT SOMAIYA CONFERING TROPHY TO ESSAY COMPETITION
WINNER MS.ANU MEENA PHOTO BY:GAJINDER SAINI**

KEYNOTE ADDRESS

In the keynote address, Jyotika Bijlani, Dean, Academic Council of Occupational Therapy (AIOTA), India and one of the pioneers for giving therapy in NICU in last century, described her journey of starting and sailing in new arena. She expressed that the specialized knowledge required for practice in the NICU includes familiarity with relevant medical conditions, procedures, and equipment; an understanding of the individualized developmental abilities and vulnerabilities of infants; an understanding of theories of neonatal neurobehavioral organization; working knowledge of family systems, early social-emotional development, infant mental health, and NICU ecology; and an understanding of multidisciplinary team collaboration. Most importantly, the NICU therapist must have a clear understanding of the manner in which these factors interact to influence behaviour. Neonatal practice requires advanced clinical reasoning skills & commitment to the process is essential. She cautioned everyone to be careful in this super specific field practice by saying “Above All Do Not Harm”.

According to her this field is yet to get recognized and practiced on the large-scale in India among health care profession, which is one of the key challenges among both Paediatricians, Neonatologists & Therapists.

GUEST SPEAKER

After this, Prof. Swati Manerkar, Neonatologist from LTM Medical College, Mumbai presented about the intricacies in Neurological examination of Neonates. She stressed about the need of this skill to be attained by every Neonatal Therapist.

SCIENTIFIC SESSION

Scientific Chairperson: *Shailaja Jayawant (Assistant Professor, Occupational Therapy, Lokmanya Tilak Municipal Medical College, Mumbai)*

Scientific Chairperson Shailaja Jayawant from LTM Medical College, Mumbai delivered her introductory address for the Scientific session and invited the speakers to share their ideas.

FREE PAPERS

Following were the titles of presentation

- Effects Of PIOMI On Social Emotional Development In Preterm Infants
- The Effect Of Ladder Approach In SGA Preterm Infants
- The Effect Of Person- Environment- Occupation (PEO) Intervention Model On Stress On Mothers Of Preterm Neonates.
- Cue Based Feeding in preterm infants
- Positioning of Preterm Infants in Neonatal Intensive Care Unit: A Scoping Review
- Case Study of feeding difficulties

All presentations highlighted the need of neuro protective attempt to offer during the critical period of development of the NICU.

INNOVATIVE TECHNOLOGY

One of the innovations presented digital approach to neonatal therapy. It was cloud based software (INDIA EBUS : Individual Newborn Developmental Intervention Application – Evidence Based Ultra SMART) for documentation and regulating Neurodevelopmental Care in NICU based on latest evidences.

SPLINT AND ADAPTIVE DEVICE PRESENTATION

Another innovation briefed was Use of Splinting in NICU. It echoed importance of individualized splinting during NICU stay.

TOPIC PRESENTATION

Following subjects were covered in topic presentation session. All speakers' extravagantly covered theoretical details along with the practical tips on different aspects of Neonatal Therapy.

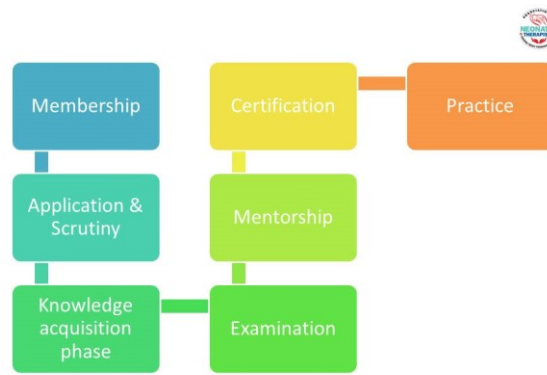
- Family Centered Developmental Care
- Therapeutic Tactile Stimulation In NICU- Why And How
- Oral motor problems in neonates & Breast feeding efficacy in mothers
- Positioning options in NICU

PANEL DISCUSSION

Panel consisted of Shailaja Jayawant, (Occupational Therapist from Mumbai), Sanika Gawade (Occupational Therapist, Mumbai) and Ankita Arora (Physiotherapist from Gurugram). Gayatri Hattangadi (Speech therapist, Mumbai) added valuable suggestions during discussion. The session was moderated by Hemant Nandgaonkar (Occupational Therapist, Mumbai).

Shailaja pointed out at the need of Master's in Neonatal Therapy as this field is evolving & is trying to achieve newer heights particularly since last decade. This process of expanding horizon must continue with advancement of technology, improvement of skills & competencies. This is possible with exchange of knowledge among professionals & involving in various research activities. Sanika added that there should be components of training so that one can specialize in one technique like in oral massage or NOMAS so the he /she can gather information, as neonatal therapy comprises of various components and each component requires Certification. Ankita said that there should be mentors who can visit various NICU Units in hospitals to guide that direct service. She suggested that this mentor can cement the gap between organizations like National Neonatology Forum.

Moderator highlighted the urge of developing certification for Neonatal Therapists by the ANT organization. He suggested the roadmap to certification in following manner.



3

ROADMAP TO CERTIFICATION-1



2

ROADMAP TO CERTIFICATION-2

It was also realized at the end that trans disciplinary approach is required to address a neonatal developmental issues. In practice, it will result in the blurring of disciplinary boundaries and the overlapping of roles and functions. Audience and panel members agreed to “Let's move in direction where every Neonatal Therapist follows this approach”.

VALEDICTORY FUNCTION

WINNERS

1. **ESSAY COMPETITION** : Anu Meena, Jaipur, Rajasthan
2. **BEST SCIENTIFIC PAPER** : Cue based feeding in preterm infants; Sanap Sneha, Occupational Therapy Department, Seth GS Medical College, Mumbai
3. **BEST POSTER** : Use of splinting in Congenital Deformities, Bhavika Sharma Occupational Therapy Department, LTM Medical College, Mumbai.
4. **BEST INNOVATIVE TECHNOLOGY** : Digital Approach to Neonatal Therapy (INDIA EBUS), Nandgaonkar Hemant P, Occupational Therapy Department, Seth GS Medical College, Mumbai
5. **BEST SPLINT** : Use of splinting in NICU, Deepak Kumar Srivastava, Occupational Therapy Department, LTM Medical College, Mumbai

FELICITATION OF THE FOUNDER MEMBERS



ADV. KRISHNAKUMAR KOLI, EX. SABHAGRUH NETE, THANE MUNICIPAL CORPORATION

WORKING GROUP

SCIENTIFIC CHAIRPERSON: SHAILAJA JAYAWANT (ASSISTANT PROFESSOR, OCCUPATIONAL THERAPY, LOKMANYA TILAK MUNICIPAL MEDICAL COLLEGE, MUMBAI)

SCIENTIFIC COMMITTEE MEMBERS: Pratibha Vaidya, Jyotika Bijlani, Nandgaonkar Hemant, Sanika Gawade, Usha Kasar

ORGANIZING SECRETARY: Sneha Sanap

FINANCE: Priya Rai, Sheetal Tatar

ABSTRACT SUBMISSION AND REGISTRATION: Sonal Sharma, Nandgaonkar Hemant

MEDIA & MARKETING: Ashlesha Koli, Gajinder Saini, Rohit Shenvi

RECEPTION: Priya Rai, Sheetal Tatar, Priyatam Dandawate, Ashwini Sanger, Richa Deshmukh, Prachi Gangurde, Prajakta Kulkarni, Disha Sanghavi

PUBLICITY: Chakradhar Mali

CREATIVE AGENDA PLANNING: Saurabh Phadke, Sheetal Tatar

ESSAY COMPETITION EVALUATION : Jyotika Bijlani (Mumbai), Soni Kumari (Delhi), Pratibha Vaidya(Mumbai), Mathew Alexander (Texas, USA)

REPORT PREPERATION:*Nandgaonkar Hemant, Sonal Sharma, Usha Kasar, Sheetal Tatar, Sneha Sanap, Disha Sanghavi, Chakradhar Mali*

MESSAGE FROM THE CHIEF GUEST

Dr. (Mrs.) Mrudula A. Phadke

MD, DCH, FIAP, MRCP(UK), FRCP CH(UK), MNAMS, FNAMS

- Sr. Adv. NHM, UNICEF
- National Prof. & Hon. Scientist,
Haffkine Institute of Training, Research & Testing, Mumbai
- Independent Director, Serum Institute of India Pvt. Ltd., Pune
- Adjunct Prof., Maharashtra University of Health Sciences, Nashik
- Ex Vice Chancellor, Maharashtra
University of Health Sciences, Nashik
- Ex Director of Medical Education &
Research, Govt. of Maharashtra

Message

India, being the leader in preterm birth, low birth weight babies (nearly 20%) and children with developmental disabilities in the world, there is an urgent need to support mental and physical development of these babies at the earliest. To improve the long term outcome, post hospital discharge referral to pediatric therapist may not be enough. There is a need to start even earlier. Brain oriented care is required right from NICU stay to protect, support and give age appropriate stimulation to the fragile babies.

The concept of 1000 days as the critical window of opportunity for the optimum growth of the brain is well established. It encompasses the period from conception to birth i.e. 270 days and then first two years of life i.e. 730 days. During this period 80% of adult brain growth has occurred.

Besides good nutrition, early stimulation plays a vital role during this period. This is particularly so for babies who are admitted to the NICU for various reasons, low birth weight and prematurity taking a big share in our country. Such babies need good therapy.

Neonatal Therapy is the art and science of integrating typical development of the infant and family into the environment of the NICU. It incorporates theories and scopes of practice from the respective disciplines of occupational therapy, physical therapy and speech language pathology. It requires advanced knowledge of the diagnoses and medical interventions inherent to the NICU setting in order to provide safe and effective assessment, planning and treatment. At this early point in the lifespan, Neonatal Therapy

promotes optimal long-term developmental outcomes and nurtures infant-parent relationships by addressing the following synergistic neurodevelopmental systems: neurobehavioral, neuromotor, neuroendocrine, musculoskeletal, sensory, and psychosocial systems. These systems provide the foundation for the development of functional skills.

In this context, I am happy to see the formation of Association of Neonatal Therapists (ANT) in India.

Association of Neonatal Therapists is emerging out of a pursuit to inspire and support the community, and a desire for actions to speak louder than words. Established in 2018, it is an organization driven by progressive ideas, bold actions, and a strong foundation of support.

Organized effort is required to overcome any hurdles. National Conference is one approach by which like-minded people can come together and decide on future goals and plan of action.

First Annual National Conference of ANT is an event, being held for the First time in India. ANT is the only charitable organization working for this cause. I would like to appreciate their attempt "Raising Teeny Personal Abilities" of the needy population and families.

Hearty congratulations to the organizing team and I wish them all success for an excellent and academically enriching conference!



Dr. (Mrs.) Phadke M.A.

LETTER OF APPRECIATION FROM DR. KIRIT SOMAIYA

Dr.Kirit Somaiya,MP
Chartered Accountant, Ph.D



CHAIRMAN
Parliamentary Committee on Labour,
Textiles & Skill Development

CONVENOR
PAC Sub-Committee on Railways

March 2, 2019

MESSAGE

It is highly appreciated that a New innovative research which is useful for the best of human being (Nextgen). Annual day of Neonatal Therapists (ANT) Association is inspiration for many others from your field and knowledge of the same to society.

I wish my Best Wishes for the programme.

Yours truly,

Dr. Kirit Somaiya, MP

To
Mr. Hemant Nandgaonkar
President
Association of Neonatal Therapists
Mulund (W), Mumbai.

FROM THE DESK OF THE DEAN,LTMMC & G.HOSPITAL ,SION,MUMBAI

First Annual national conference of Association of Neonatal therapists

*Dr.Jayashree Mondkar. Dean ,Prof & head Neonatology Department,LTMMC&G.H,
Sion,Mumbai*

It gives me a great pleasure to send my greetings to all the participants of “1st Annual National Conference of Association of Neonatal Therapists.” ,going to be held at Tip Top Plaza,Thane

The theme of this conference is ‘Consolidating Foundation.’ This perspective will open more avenues for the effective interventions in neonatology by the therapists.

As a professor & head of neonatology ,I have observed the holistic & integrated approach used by the therapists.Conference is the only way to exchange your knowledge and new innovations

I send my best wishes to the association of Neonatal Therapists & wish a grand successfor the conference.

FROM THE DESK OF SCIENTIFIC COMMITTEE CHAIRPERSON

First Annual national conference of Association of Neonatal therapists

Dr.Shailaja Jaywant



It's a matter of honour to have this noble responsibility of organising the scientific event of "1st Annual National Conference of Association of Neonatal Therapists." I express my sincere gratitude to the organising committee of "1st Annual National Conference of Association of Neonatal Therapists."

The theme of this conference is 'Consolidating Foundation.' The theme is selected to highlight the contribution of therapists in the developing field of Neonatal Therapy. I am extremely happy to see the response for scientific sessions. This proves its expanding horizon & increasing interest in neonatal therapy practice.

This field is evolving & is trying to achieve newer heights particularly since last decade. This process of expanding horizon must continue with advancement of technology, improvement of skills & competencies. This is possible with exchange of knowledge among professionals & involving in various research activities.

1st Annual National Conference of Association of Neonatal Therapists has provided you the platform for executing research skills & exchange of knowledge. The scientific program committee has invited national & international professionals to share their expertise.

Young & experienced minds are presenting their quality research, innovations & experiences in this field.

I thank all presenters for their contribution & wish you enriched & memorable experience during scientific sessions.

IN THE LIMELIGHT

MUMBAI

'First 1,000 days of a child's life are crucial'



Akshaya Rengan

MUMBAI, MARCH 05, 2019 00:00 IST
UPDATED: MARCH 05, 2019 04:14 IST

Therapists seek training programmes, better awareness of neonatal care

The Association of Neonatal Therapists is rooting for training programmes to generate more manpower, a pan-India certificate examination in the field and better collaborations with doctors and nurses to improve neonatal care.

"Neonatal therapy is an extremely important aspect of neonatal care because it involves oral motor stimulation, feeding interventions and training mothers in interventions to improve the feeding of newborns," said Hemant Nandgaonkar, an occupational therapist from Parel's KEM Hospital, who provides neonatal care. Mr. Nandgaonkar was speaking at the first National Conference of Association of Neonatal Therapists in Thane over the weekend. The association is drafting a report to be submitted to the government and universities.

Paediatrician and former vice-chancellor of Maharashtra University of Health Sciences, Dr. Mrudula Phadke who inaugurated the conference, said it is critical for everyone to know the importance of the first 1,000 days of life, starting from the time a child is conceived in the mother's womb to two years after birth. "Having a neonatal therapist in every hospital is the need of the hour. Stimulating babies in NICU and providing responsive care is important. There are chances of delay in brain development, if proper care is not provided," said Dr. Phadke.

 **The Hindu** Feed



निओनेटल थेरपिस्ट संस्था एक स्तुत्य उपक्रम- खा.किरीट सोमय्या

ठाणे : प्रतिनिधी

निओनेटल थेरपिस्ट संस्था एक स्तुत्य उपक्रम असून भाजपचीच सत्ता आली तर निओनेटल थेरपिस्टची माहिती लोकसभेत देईन आणि जे पाल्य आणि पालक या रोगाचा सामना करत आहेत त्यांना आधार देणाऱ्या संस्थेला नक्कीच मदत करेन असे मत खासदार किरीट सोमय्या यांनी व्यक्त केले.

निओनेटल थेरपिस्टची पहिली राष्ट्रीय परिषद टिपटॉप प्लाझा येथे रविवारी भरविण्यात आली होती. यावेळी ते बोलत होते. या कार्यक्रमाचे उद्घाटन आरोग्य विज्ञान विद्यापीठाच्या माजी कुलगुरू मृदुला फडके यांच्या हस्ते पार पडले. भारतात वेळेआधीच होणाऱ्या बाळंतपणात वाढ झाल्याने नवजात बालकांचे आरोग्य धोक्यात आले असल्याची माहिती डॉ. फडके यांनी दिली. दिवसभराच्या या परिषदेत लहान मुलांमधील आजार कसे ओळखावे याबद्दल विविध तज्ञांनी

मार्गदर्शन केले. यावेळी डब्ल्यूएचओच्या अहवालानुसार जगभरात वर्षाला सुमारे १५ दशलक्ष अकाली प्रसूती होत आहेत. त्यातील २२ टक्के मुदतपूर्व प्रसूती या भारतात होतात. यामुळे नवजात शिशूंना सेरेब्रल पाल्सी, संवेदनसंबंधी त्रुटी, आकलनासंबंधीचे विकार, श्वसनासंदर्भातील आजार उदभवत असल्याचे या परिषदेत सांगण्यात आले. त्यामुळे भारतात १२ दशलक्ष बालके दिव्यांग म्हणून आयुष्य जगात असल्याची माहिती या परिषदेत देण्यात आली.

बाळ जन्माला आल्यानंतर त्याचा २ वर्षांचा वाढदिवस होईपर्यंत निओनेटल थेरपिस्ट हि संस्था बाळाची काळजी घेणार आहे. केडएम येथे या संस्थेची स्थापना झाली असून जास्तीत जास्त बालकांना तातडीने उपचार मिळावे आणि पालकांनाही याची माहिती व्हावी यासाठी संस्थेची निर्मिती करण्यात आली असल्याचे राष्ट्रीय परिषदेत सांगण्यात आले.

निओनेटल थेरपी कोर्स होणार सुरु

लोकमत न्यूज नेटवर्क

ठाणे : निओनेटल थेरपी सर्टिफिकेशन कोर्स विद्यापीठ पातळीवर सुरु करण्याची हमी रविवारी ठाण्यात झालेल्या पहिल्या राष्ट्रीय थेरपिस्ट परिषदेत एनआरएचएम, युनिसेफच्या वरिष्ठ सल्लागार, आरोग्य विद्यापीठाच्या माजी कुलगुरु डॉ. मुदुला फडके यांनी दिली.

भारतात अधिकाधिक निओनेटल थेरपीस्टनी एकत्र येऊन या विषयातील ज्ञान आणि कौशल्यांचे क्षेत्रात वाढवावे. ज्यामुळे उच्च दर्जाची सेवा रुग्णांना उपलब्ध करून देता येईल. एएनटी हेच उद्दिष्ट डोळ्यांसमोर ठेवून समूह तयार करण्याच्या दृष्टीने या परिषदेचे आयोजन 'असोसिएशन ऑफ निओनेटल थेरपीस्ट (एएनटी)'च्या वतीने केले होते. त्या परिषदेचे उद्घाटन डॉ.फडके यांच्या हस्ते झाले.

प्रमुख पाहुणे म्हणून खासदार डॉ. किरीट सोमय्या हे उपस्थित होते. त्यावेळी बोलताना, खासदार सोमय्या यांनी या संकल्पनेला लोकसभेत मांडण्याची ग्वाही दिली आहे.



FOUNDER MEMBERS OF ASSOCIATION OF NEONATAL THERAPISTS



DELEGATES OF THE 1ST ANT CONFERENCE