

MEMBERSHIP OF HUMAN MILK BANKING ASSOCIATION (INDIA)



HUMAN MILK BANKING ASSOCIATION (India)

Reg. no E-757 (Amt)

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Dr. Satish Tiwari

SECRETARY
Dr. Balraj Yadav

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Mr. Vivek Sharma

Date: 06 Aug 2018

TO WHOM IT MAY CONCERN

This is to certify that Dr Mrs Shailaja Mane (Dr D Y Patil Medical College, Hospital & research center Pimpri, Pune; In-charge of "Yashoda" Human Milk Bank & Comprehensive Lactation Management Training and Research center) is Life- Member of Human Milk Banking Association of India.

This membership Certificate is issued on behalf of HMBA (India)

(Dr Satish Tiwari)

CERTIFICATE OF COMMITMENT : BABY FRIENDLY HOSPITAL INITIATIVE



CERTIFICATE OF MEMBERSHIP & ACCREDITATION 1ST JANUARY 2020



Certificate of Membership

This is to certify that

Yashoda Human Milk Bank

Dr. D Y Patil Medical College, Hospital and Research Centre

is an official and active member of Network of Human Milk Banks (NHMB)
through 1st January 2020

WE AT NHMB OFFER YOU OUR CONGRATULATIONS AND WARM WELCOME!



Certificate of Accreditation

This is to certify that

Yashoda Human Milk Bank

Dr. D Y Patil Medical College, Hospital and Research Centre, Pimpri Pune

has met the requirements of the NHMB Accreditation Criteria for Human Milk Banks, has demonstrated compliance in accordance with the nationally approved guidelines for the best practices for human milk banking and lactation management centre, and as been accredited commencing through 1st July 2020. It has been given the rating of



The Certificate of Accreditation is valid till 30th June 2021

CERTIFIED BABY FRIENDLY HOSPITAL INITIATIVE



BABY-FRIENDLY HOSPITAL INITIATIVE'S 10 STEPS TO SUCCESSFUL BREASTFEEDING

STEPS	GUIDELINES
1 Written policy is communicated to all healthcare staff.	Breast milk is the standard for infant feeding unless the mother chooses not to breastfeed after being offered help. Policy specifically addresses implementation of the Ten Steps and how a hospital promotes, protects, and supports breastfeeding behaviors.
2 All healthcare staff will be trained on the policy.	The BFHI recommends specific training times based on duties and role.
3 Educate pregnant women about the benefits and management of breastfeeding.	Topics may include exclusivity, importance of skin-to-skin contact, rooming-in, on-demand feeding, and risk of formula supplementation. (Hospitals and office practices should consider discontinuation of formula sampling programs that negatively impact breastfeeding rates. ³)
4 Help mothers initiate breastfeeding within 1 h of birth.	The BFHI recommends continuous and uninterrupted skin-to-skin contact immediately after birth until completion of the first feeding unless there is a medically justified reason. Procedures such as initial assessments and Apgar scores should be performed with the infant skin to skin, and procedures requiring separation (eg, bathing) should be delayed.
5 Healthcare professionals should assess and demonstrate appropriate positioning and attachment with the mother.	In addition, mothers should receive education on basic breastfeeding practices.
6 Give infants no food or drink other than breast milk unless medically indicated.	Certain medical conditions such as galactosemia or phenylketonuria require special formulas. Low-birth-weight, very-premature, and hypoglycemic infants may require supplementation. Mothers with HIV should avoid breastfeeding. Breastfeeding may not be feasible because of maternal illness or maternal medications.
7 Encourage rooming-in to allow mothers and infants to remain together 24/7.	Time away from mother for hospital procedures should be limited. This applies to all babies regardless of feeding method.
8 Encourage breastfeeding on demand.	No restrictions should be placed on frequency or length of feeding, regardless of feeding choice.
9 Do not give pacifiers or artificial nipples to breastfeeding infants.	Any medically indicated fluid supplementation should be given by tube, syringe, spoon, or cup.
10 Establish in-hospital breastfeeding support and refer to community-based support groups on discharge.	Discharge planning should include breastfeeding support services without ties to commercial interests. Postdischarge follow-up should be scheduled. (Utilization of peer counselors has demonstrated increased initiation and duration of breastfeeding. ⁴)

CERTIFICATES OF WORLD ALLIANCE FOR BREAST FEEDING ASSOCIATION (WABA)



CERTIFICATES OF BREAST FEEDING PROMOTION OF INDIA (BPNI)

India: World Breastfeeding Week 2017
(1-7 August)



SUSTAINING
BREASTFEEDING

*building alliances
without conflicts of interest*



putting child nutrition
at the forefront
of social change



defending breastfeeding

Breastfeeding Promotion Network of India (BPNI)

BP-33, Pitampura, Delhi-110034 (INDIA).

Tel: +91-11-27312705, 27312706, 42683059

Email: bpni@bpni.org. Website: www.bpni.org

Certificate of Achievement

is presented to

**Department of Pediatrics
Dr. D. Y. Patil Medical College,
Hospital & Research Center.**

Pune, Maharashtra

*for the contribution towards celebration of
World Breastfeeding Week 2017*

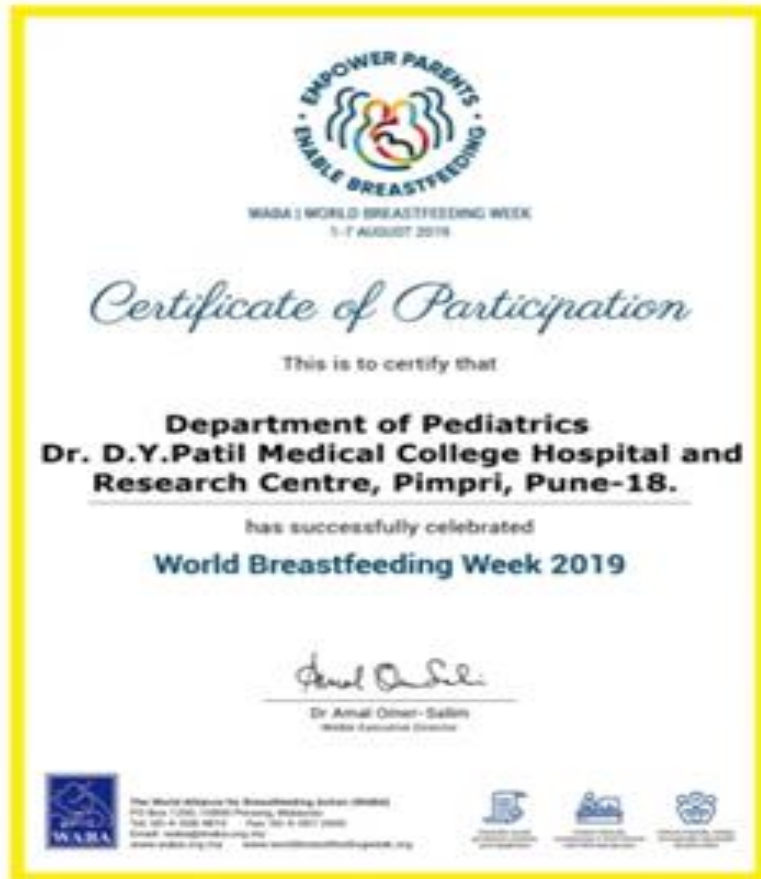
Dr. Arun Gupta
Central Coordinator, BPNI

Dr. Shoba Suri
Director, Policy Advocacy, BPNI

CERTIFICATES OF WORLD ALLIANCE FOR BREAST FEEDING ASSOCIATION (WABA)



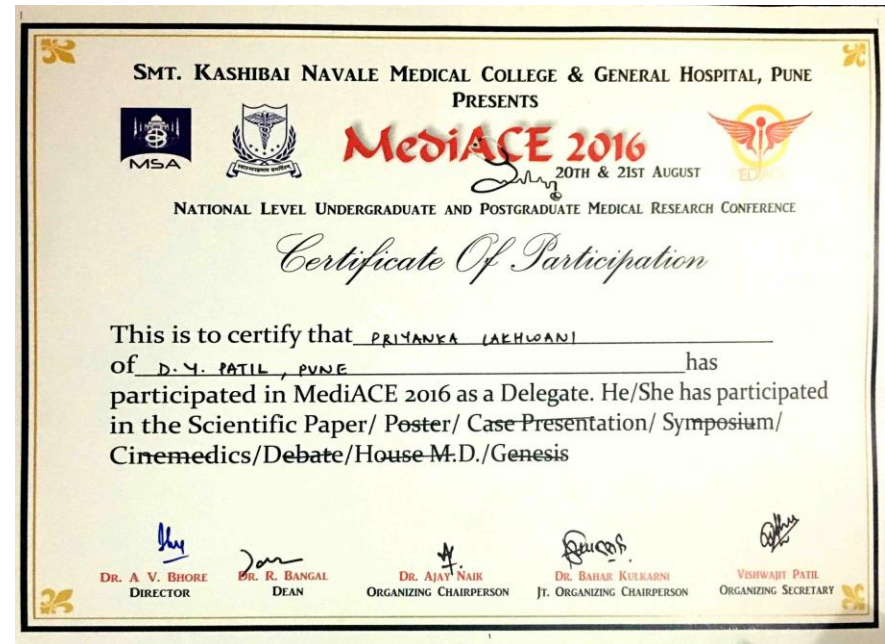
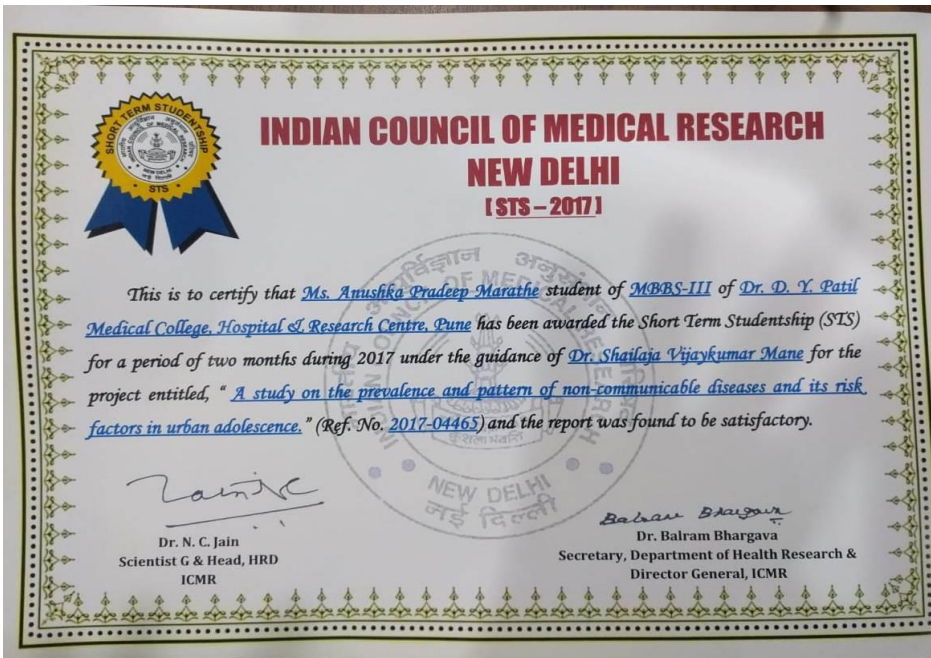
CERTIFICATES OF WORLD ALLIANCE FOR BREAST FEEDING ASSOCIATION (WABA)



CERTIFICATES OF WORLD ALLIANCE FOR BREAST FEEDING ASSOCIATION (WABA)



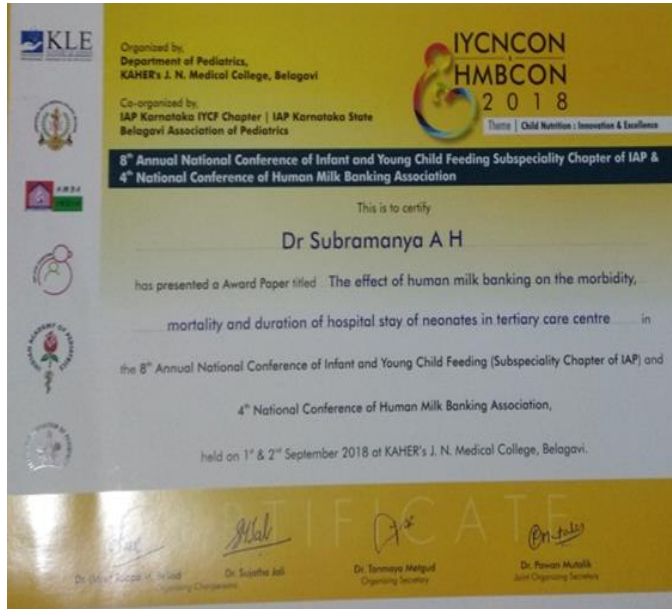
INDIAN COUNCIL OF MEDICAL RESEARCH (ICMR) STS RESEARCH STUDY



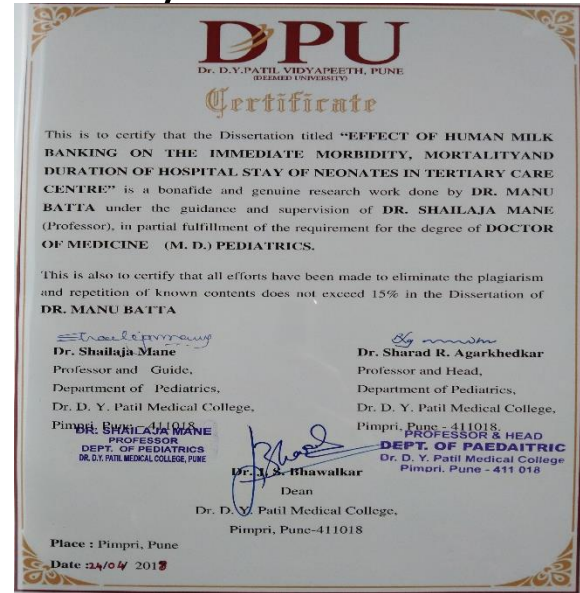
MISS PRIYANKA LAKHWANI

WAS AWARDED SHORT TERM STUDENTSHIP UNDER THE GUIDANCE OF DR SHAILAJA MANE FOR THE PROJECT **"A STUDY ON THE PREVALANCE AND PATTERN OF NON COMMUNICABLE DISEASES AND ITS RISK FACTORS IN URBAN ADOLESCENCE"**

NATIONAL CONFERENCE OF HUMAN MILK BANKING ASSOCIATION(HMBCON)



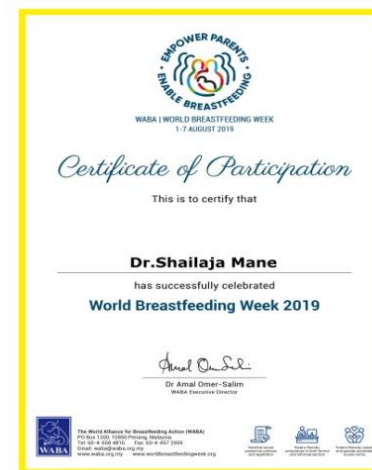
Dr. Subramany G H presented oral paper in 5th Annual National Conference Infant and Young Child Feeding ,Subchapter of Indian Academy of Pediatrics (IYCNCN)and 4th National Conference of Human Milk Banking Association (HMBCON) on 1st & 2nd in Sept.2018 in Belagavi.



Dr. Manu Batta : Doctor Of Medicine (M. D.) Pediatrics(2015-2018)

“The Effect Of Human Milk Banking On The Immediate Morbidity, Mortality and Duration Of Hospital Stay Of Neonates In Tertiary Care Centre”

FACULTY ACHIEVEMENTS



COLLABORATION WITH NGOS:



Anganwadis of ICDS in Corporation

- NGOs Rotary
- Lions Club
- Sneh Foundation, PCMC



Appreciation From Rotary
Pune District
Mayor: Mrs.MUKTA TILAK





- Release of Brochure for Awareness of Human Milk Donation & Breast Cancer Care

HUMAN MILK DONATION & BREAST CANCER CARE AWARENESS DRIVE



Contribution as Faculty Dr. Shailaja Mane

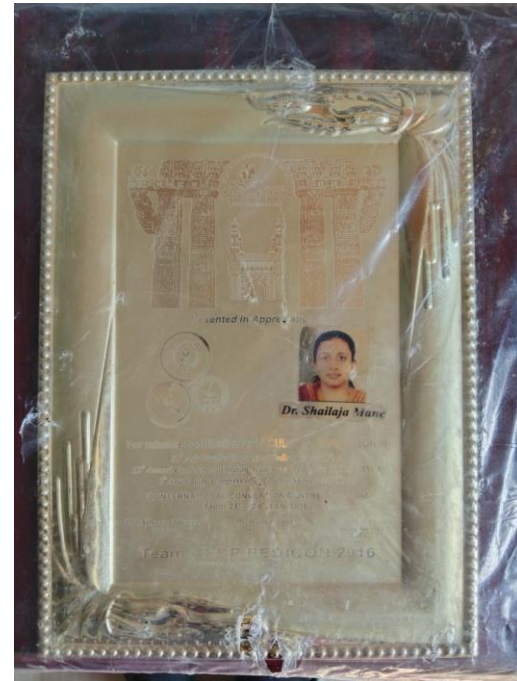


Talk on :
Human Milk Banking: Need of the hour
NATIONAL CONFERENCE
ON
"WOMEN HEALTH: CHALLENGES & SOLUTION"
DATE: 28TH, 29TH NOVEMBER 2015



**NATIONAL CONFERENCE ON
WOMEN HEALTH:
CHALLENGES & SOLUTION**
Chairperson
Date :- 28th ,29th November
2015

FACULTY in National Conferences Dr. Shailaja Mane



- Faculty in Workshop of Human Milk Banking
- Talk on feeding in special situations

IYCNCNCON & HMBCON _2018

On 31st August, 1st & 2nd September 2018
KAHER'S JAWAHARLAL NEHRU MEDICAL
COLLEGE, BELAGAVI

FOR VALUABLE CONTRIBUTION AS FACULTY :

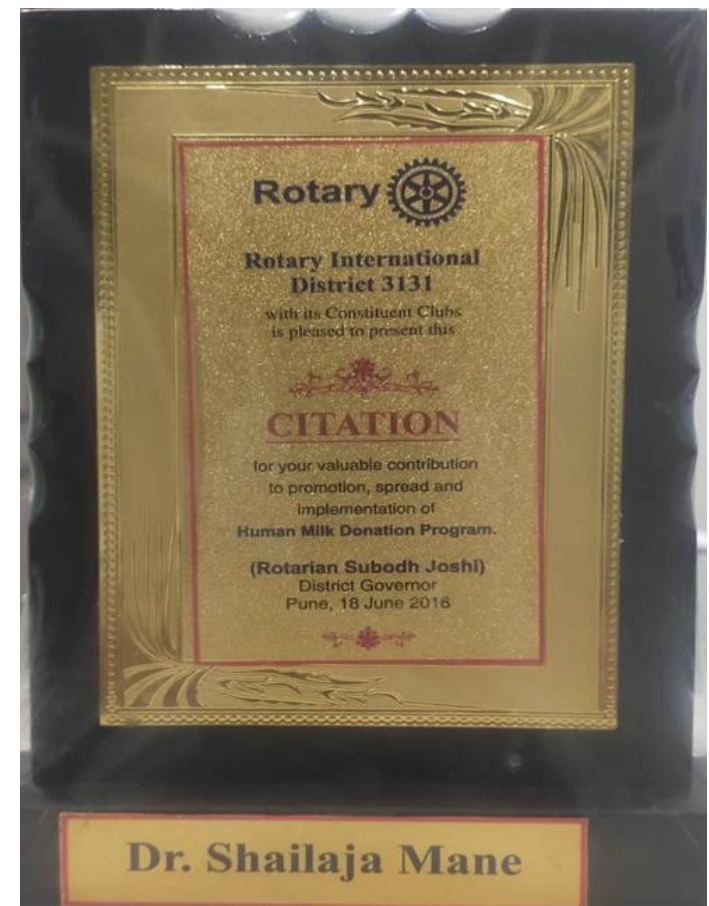
Panel Discussion on Human Milk Banking

15TH ASIA PACIFIC CONGRESS OF PEDIATRICS (APCP) &
53RD ANNUAL CONFERENCE OF INDIAN ACADEMY OF PEDIATRICS
(PEDICON) &

5TH ASIA PACIFIC CONGRESS OF PEDIATRICS NURSING (APCPN)
AT INTERNATIONAL CONVENTION CENTRE, HYDERABAD, on 21st -24th
JAN 2016



ROTARY CLUB OF NIGADI- PUNE 2017-18



- Rotary International District 3131
- Present for valuable contribution to promotion, spread and implementation of Human Milk Donation Program

Faculty member participation



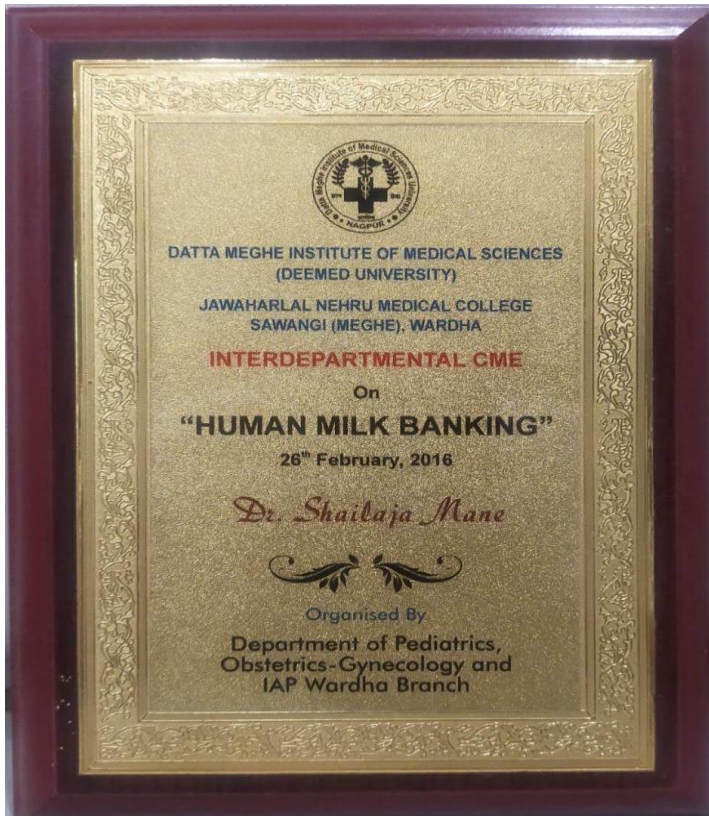
VIJAYA GROUP OF HOSPITALS & NETWORK OF HUMAN MILK BANKS

FOR PARTICIPATION AS A FACULTY MEMBER
IN THE 2nd INTERNATIONAL CONFERENCE ON
'MILK BANKING IN INDIA: CURRENT STATUS
AND NEW OPPORTUNITIES'
HELD ON 25TH NOVEMBER



Aditya Birla Memorial Hospital
World Breast feeding Week
1st to 7th August 2019

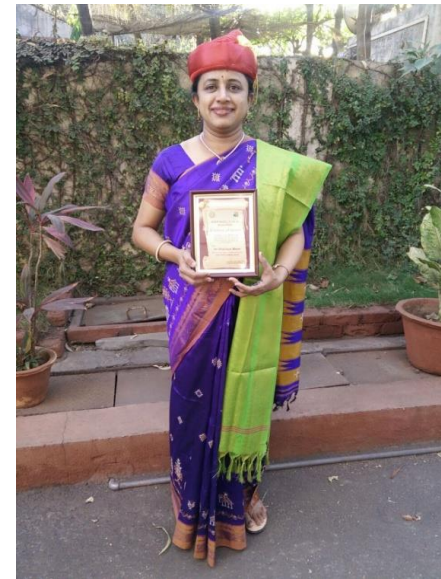
CONTRIBUTION IN OTHER INSTITUTES



- DATTA MEGHE INSTITUTE OF MEDICAL SCIENCES
- (DEEMED UNIVERSITY)
- JAWAHARLAL NEHRU MEDICAL COLLEGE SAWANGI (MEGHI), WARDHA
- INTERDEPARTMENTAL CME
- ON
- "HUMAN MILK BANKING"
- 26TH FEBUARY, 2016

- A TOKEN OF ACKNOWLEDGEMENT ON BEHALF OF SHEN GOUNDATION FOR YOUR CONTINUOUS & SELFLESS SUPPORT TOWARDS OUR INITIATIVE

INNER WHEEL EXCELLENCE AWARD



Honored to
Dr.Shailaja Mane
By INNER WHEEL CLUB OF NIGDI-PRIDE
For Work in Human Milk Banking
WEDNESDAY
8TH MARCH 2017





- Date:- 17th-18th 2019
- Workshop on ethical guidance for biomedical research.

Lactacon 2018 Foundation for life Conference in association with Indian Academy of Paediatrics at 12th Aug 2018, Sheraton Grand, Pune.



**3RD INTERNATIONAL CONGRESS EUROPEAN
MILK BANK ASSOCIATION{EMBA}
HUMAN MILK FOR PRETERM INFANT FEEDING
LYON,FRANCE**



Certificate of Attendance

This is to certify that

SHAILAJA MANE

as presented a poster titled:

**EXPERIENCE OF HUMAN MILK BANKING IN A MEDICAL COLLEGE
HOSPITAL IN WESTERN INDIA**

Lyon, France, 8th & 9th october 2015

Gillian Weaver

EMBA
President

Jean-Charles Picaud

EMBA
Local Coordinator

Giuseppe Agosta

The Organising
Secretariat



POC Quality Improvement Workshop





CUSP Workshop



स्तनपान मातृत्वाची शान



- IMA PCB Woman doctor's wing is happy to celebrate, recognize and appreciate *NURSES* on occasion of *International Nurses Day* 2019 on *9th May* 2019 at Hotel Majestic Akurdi 4 to 6pm

Invitation

**IMA-PCB
WOMAN DOCTOR'S WING**

*is happy to Celebrate
Recognise and Appreciate nurses on occasion of*


**INTERNATIONAL
NURSES DAY 2019**

"Healing Hands in Healthcare"

**9th May 2019, 4pm to 6pm
Followed by High-Tea
Venue: Hotel Majestic Akurdi**

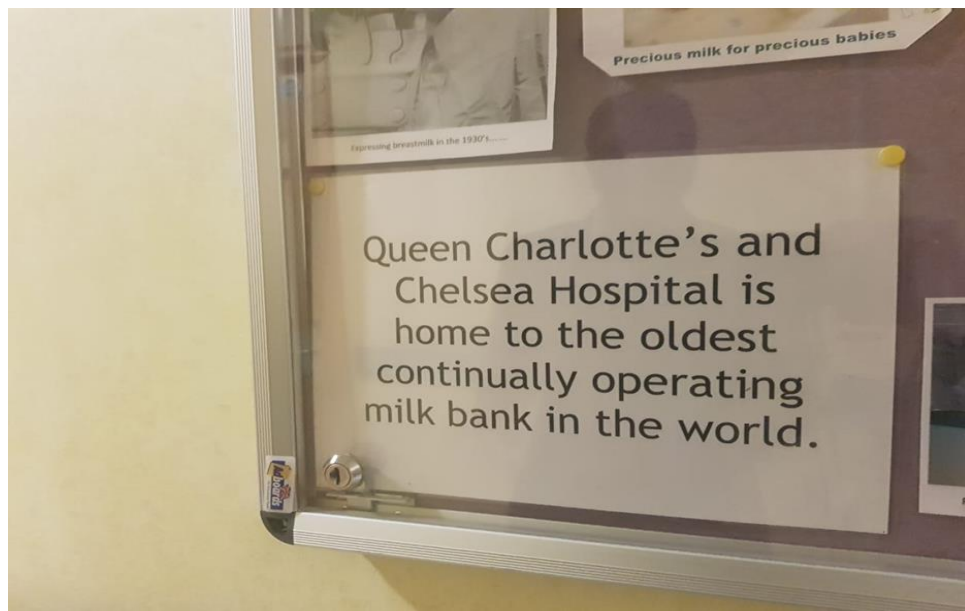
Speakers
Ms. Meenakshi Gijare
 Head Quality & Academics
 MAER MIT's VishwaRaj Hospital Pune
Topic: Communication Skills

Mrs. Manisha Padekar
 Principal, kamat Nursing Home
Topic: Changing Trends in Nursing



Dr. Dilip Kamat Chief Patron, IMA PCB	Dr. Maya Bhalerao Chairman, IMA PCB WDW
Dr. Suhas Mate President, IMA PCB	Dr. Shubhangi Kothari Vice Chairman, IMA PCB WDW
Dr. Sudhir Bhalerao Secretary, IMA PCB	Dr. Sarika Lonkar Secretary, IMA PCB WDW

IMA PCB Team



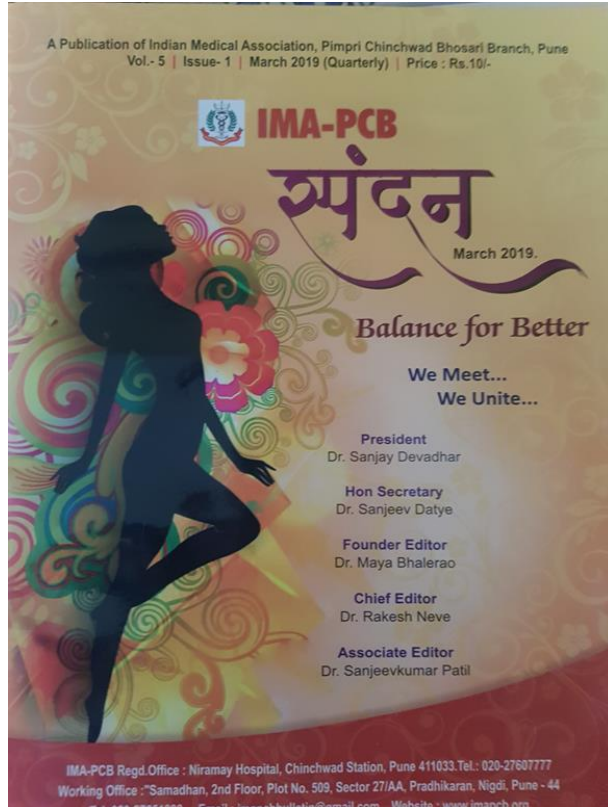
Visit To **Queen Charlotte's & Chelsea Hospital** (London) Home To Oldest Continually Operating Milk Bank In The World



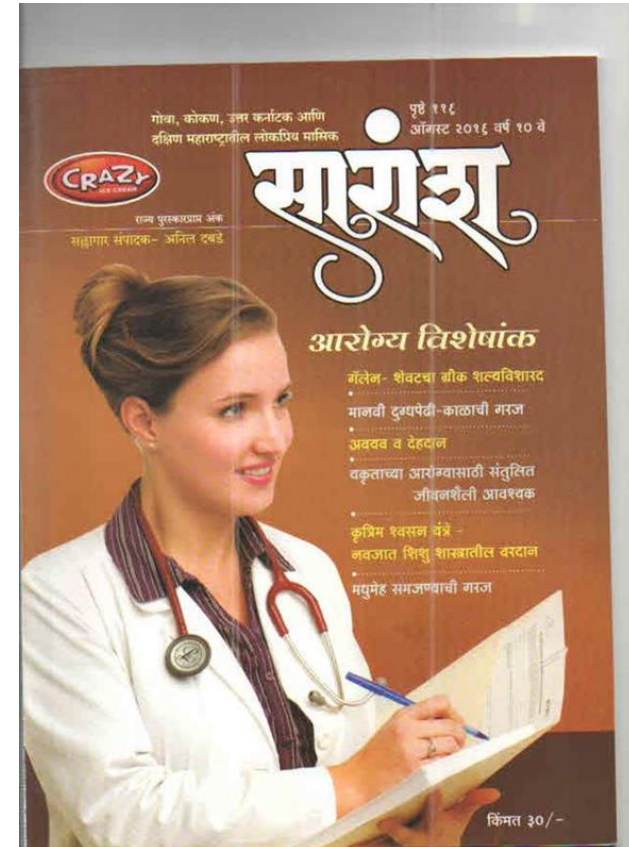
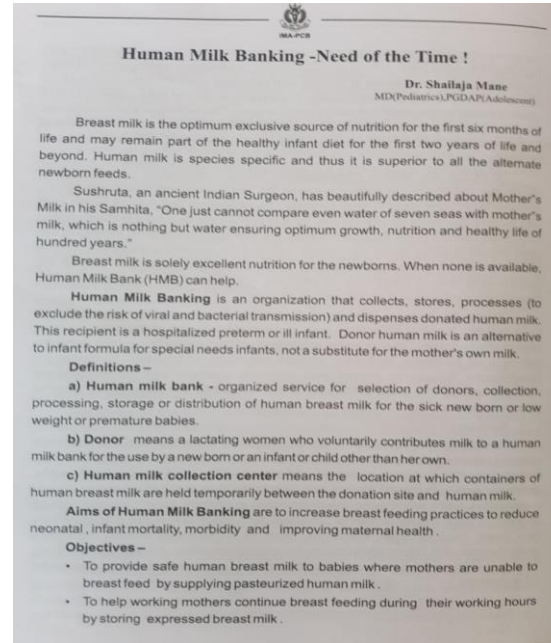
COMMUNITY AWARENESS PROGRAMME WITH LION'S CLUB



ARTICLES FOR PUBLIC AWARENESS



IMA-PCB स्पंदन
March 2019




"SARANSH"
In Local Language
August 2016

Breast feeding during Covid 19 Pandemic: Public Awareness Article by Dr.Shailaja Mane

May 2020

IMA SPANDAN

Pune, Vol. 5, Issue 5, May 2020 – July 2020 (Quarterly) – Price Rs. 10/- Page Nos.- 40



अपंदन

A Publication of Indian Medical Association
Pimpri-Chinchwad-Bhosari Branch


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Hon Secretary
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Founder Editor
Dr. Maya Bhalerao

Editorial Board
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Dr. Santosh Lalkar
Dr. Manisha Dolephade
Dr. Archana Jadhav

**STAY HOME.
STAY SAFE.**



We are Warriors

Covid 19 Pandemic Special Issue

IMA-PCB Regd. Office : Niramaya Hospital Pvt. Ltd. Chinchwad Station, Pune-411 019. Tel. No. 020 27441860 | www.imapcb.org / imapcb@gmail.com
For Bulletin communication : imapcbbulletin@gmail.com



**Coronavirus Disease (COVID-19)
and Breastfeeding:**

Dr.Shailaja Mane

Coronavirus Disease (COVID-19) and Breastfeeding: Breast milk is the best source of nutrition for infants and provides protection against many illnesses which reduces neonatal and Infant mortality (WHO).

Breastfeeding counselling and support should be provided to all pregnant women and mothers with infants and young children, to all suspected or confirmed COVID-19 including family members by health care workers.

Considering benefits of breastfeeding and insignificant role of breast milk in the transmission of other respiratory viruses, mother can continue breastfeeding with necessary precautions as per guideline from UNICEF.

Mother-to-Child Transmission: Pregnant women have a higher risk of severe illness when infected with viruses from COVID-19 and other viral respiratory infections like influenza. Mother-to-child (Vertical transmission of corona virus during pregnancy is unlikely as per current evidence, but after birth a newborn is susceptible to person-to-person spread. A very small number of babies have tested positive shortly after birth. However, it is unknown if babies got virus before or after birth. Parents and caregivers should have access to appropriately trained health workers for mental health and psychosocial support.

COVID-19 Transmission and Breast milk: "Person-to-person spread occur mainly via respiratory droplets (cough or sneeze)." (CDC, 2020)

In limited studies on women with SARS, virus has not been detected in breast milk, however, it is not known whether mothers with COVID-19 can transmit virus via breast milk.

In a recent, but small study in China, a group of six mothers testing positive for COVID-19 were studied after delivery. No evidence of virus was found in their samples of breast milk, cord blood, amniotic fluid, throat swabs of their newborns (Chen et al., 2020).

The virus has not been detected in amniotic fluid, breast milk or other maternal samples. Similarly, other respiratory viruses are not transmitted in breast milk e.g. severe acute respiratory syndrome (SARS-CoV).

Safety of Breastfeeding: The immunological properties of human milk protect babies against many illnesses. Breastfeeding mothers should follow CDC guidelines: "Whether and how to start or continue breastfeeding should be decided by mother in coordination with family and healthcare providers."

The Centers for Disease Control and Prevention (CDC), World Health Organization (WHO) and Academy of Breastfeeding Medicine (ABM), IYCF all support giving mother's breast milk to babies even if they are infected with COVID-19.


A mother with confirmed COVID-19 or who is a symptomatic, under investigation should take all possible precautions to avoid spreading the virus to infant, including washing her hands before touching infant or wearing a face mask, during breast feeding. While expressing breast milk with a manual or electric breast pump, hand washing before touching pump or its parts and follow recommendations for proper pump cleaning after each use. If possible, someone should feed expressed breast milk to infant.

At Home: Hand hygiene by using alcohol-based hand sanitizer (60% - 95% alcohol) before and after contact with affected mother, contact with potentially infectious material and before putting on and up

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removal of personal protective equipment, including gloves. Hand hygiene can be performed by with soap, water for at least 20 seconds. If hands are soiled use soap and water before alcohol-based hand sanitizer.

If confirmed COVID-19 infection, separate (home isolation precautions) mother from family including infant, except for breastfeeding. Ideally another uninfected adult should take care of infant including feeding expressed milk which will help the mother to maintain her milk supply. Mother should practice hand hygiene and personal care for at least 5-7 days

In Hospital:

1. Mother well or with mild symptoms, breastfeeding is a very reasonable choice. Reduce the risk of exposing infant to maternal respiratory secretions with use of a mask, gown and careful hand washing.

2. Mother with suspected COVID-19 infection: choose breastfeeding and provide expressed milk to infant. More careful adherence to recommendations can limit exposure via respiratory secretions.

Choices of housing for a Mother and Infant:

Rooming-in: Mother and baby in the same room without any other patients in the room with infant in a bassinets 6 feet from mother's bed. Precautions to avoid spread of virus to infant must be taken. Ideally, another well adult should take care of infant in the room.

Temporary separation – Decision of separation between a mother with COVID-19 and infant should be made by a health care team based on many factors including health of mother and baby but breastfeeding at the breast is encouraged with universal precautions.

If a mother is having COVID-19, baby may be temporarily separated from mother to reduce risk of transmission of COVID-19 to newborn (CDC). Expressed breast milk is recommended with help of medical team.

Mothers should be encouraged to express breast milk to establish and maintain breastfeeding. If possible, a dedicated breast pump should be provided and follow hand hygiene. After each pumping session, all parts that come into contact with breast milk should be thoroughly washed. Entire pump should be appropriately disinfected. Expressed milk should be fed to newborn by a healthy caregiver.

3) Mother with symptoms or confirmed COVID-19: One can have three options.

I) Direct Breastfeeding: Proper hand hygiene and mask, before and while feeding.

II) Expression of Breast Milk: If a mother is too ill, encourage expression of milk in a clean cup by following infection prevention measures.

III) Use of Donor Mother's Milk: It is not yet known whether SARS CoV-2 can be found in human milk. Other corona viruses are destroyed by thermal inactivation. MERS-corona virus is inactivated in Camel, Goat and Cow's milk at 63°C for 30 min. Based on the available data on other corona viruses it is likely that, even if SARS CoV-2 is present in breast milk, will be destroyed by pasteurisation, but solid data is needed. Proper selection of donor mothers must be done carefully by adding health questionnaires, travel and contact history.

To summarize, breast feeding with various precautions remains the best choice in the COVID 19 pandemic.

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Local Coordinator

Giuseppe Agosta

The Organising
Secretariat



ORGANISING SECRETARIAT
BioMedia srl - Via L. Temolo 4 - 20126 Milan, Italy - Tel. 0039 0245486232 - Fax 0039 0245486193 - <http://europeanmilkbanking.com>

FIVE YEARS OF EXPERIENCE IN HUMAN MILK BANKING FOR A PRIVATE MEDICAL COLLEGE AND HOSPITAL IN WESTERN INDIA

14th, International Breastfeeding and Lactation Symposium

4th-5th Apr 2019, London, UK

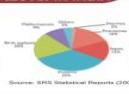


Presenting Author : Dr. SHAILAJA MANE (Prof. and I/c Milk Bank)
Dr. Sudhir Malwade (Prof. and I/c NICU), Dr. Sharad Agarkhedkar (Prof. and Head)
"Yashoda" Human Milk Bank, Comprehensive Lactation Management, Training & Research Centre, Pune
All Professors
DEPARTMENT OF PEDIATRICS
Hospital and Research Centre, Pimpri, Pune, Maharashtra, INDIA.



CURRENT NEONATAL MORTALITY RATES (2015) IN INDIA

- About 0.76 million neonates die every year in India
- The highest for any country in the world.
- Neonatal mortality rate (NMR): 25
- Early neonatal mortality rate (ENMR): 10
- Late neonatal mortality rate (LNMR): 6
- NMR in Maharashtra: 15
- India - NMR MDG 4 is 23/1000 : XII developmental plan
- Sepsis, Major cause: ~30/1000 live births
- Note: Rates expressed per 1000 live births



Source: SRB Statistical State of India's Newborns 2014

MEASURES TAKEN TO DECREASE NEONATAL MORTALITY

- DYPMCH 1st Certified BABY FRIENDLY HOSPITAL in Municipal Area
- Breast feeding started within 1 hr.
- Exclusive breast feeding.
- Pre lactated feed stopped.
- Feeding bottles discarded.
- Formula milk was banned.
- Only Certified BABY FRIENDLY HOSPITAL in Municipal Area.
- Written Policy of BFHI displayed in PNC ward.



"YASHODA" HUMAN MILK BANK (7th SEPT. 2013-2018)

- Yashoda Human Milk Bank
- 1st Human Milk Bank of Municipal area
- In Medical college & 1st in India
- Good example - Public - Private Partnership
- NGO - Rotary club of Nariman Point, Mumbai
- Free of cost service for community.
- Only HMB in India works 24X7.



OBJECTIVES OF MILK BANK

- To promote Baby Friendly Hospital care
- To provide safe human milk to babies
- To avoid bottle, animal & formula milk.
- To heighten breastfeeding awareness
- Auxiliary support to breastfeeding practices.
- To help working mothers continue breast feeding.
- To ensure every baby born or admitted in the hospital receives mother's milk.
- Increase breast feeding practices to reduce neonatal, infant mortality, morbidity and improving maternal health
- To help needy babies in other NICUs



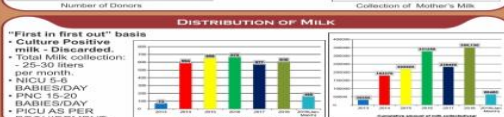
INAUGURATION OF ADVANCED HMB

- Public Pvt. Partnership
- A Rotary Club, Nigdi, Pune Initiator
- Global Grant Project: RC Finland, Akardi
- Pradhikaran, Moraya, Wien Austria



ADVANCED HUMAN MILK BANK & CLMTRC (JAN. 2019)

- Comprehensive Lactation Management Training & Research Centre (CLMTRC)
- Awareness, Training, Research
- Medical Nursing
- Students, Staff, Moms, Parents & Families in & Other Institutes



- "First in first out" basis
- Culture Positive milk - Discarded
- Total Milk collection: ~25-30 liters per month
- NICU 5-8
- BABESDAY PNC 15-20
- BABESDAY PICU AS PER REQUIREMENT

- Regular Visit by Infection Control Team of Institute Microbiologists
- Safe collection, handling, storage of milk
- Environmental Cleaning, Disinfection
- Standard Precaution, Personal hygiene of Staff
- Team of Biomedical Engineering
- Supervision & Maintenance of equipments
- Biomedical waste disposal
- Regular Culture of Swabs
- Culture positive (46 samples 5 years)
- Common Organisms Cultured: Staph. aureus (M. S. S.), Acinetobacter, Klebsiella, Pseudomonas, Bacillus subtilis, CONS, Micrococcus, E. coli, Enterococcus, Enterobacter
- Culture positive milk Discarded

- NEONATAL INDICATIONS:
 - Preterm
 - LBW babies esp. first few days
 - Suspected Necrotizing enterocolitis
 - GI surgeries (BNICU) - esophageal atresia, malrotation, empyema, volvulus
 - LSCS babies: TRANSIT STAGE
 - Multiple gestation - Twins, Triplets
 - Babies of mothers with problems: PHH, Eclampsia, PHH, acute illnesses
 - Babies in Orphanages
- MATERNAL REASONS:
 - Maternal Deliveries: mom in other hospital.
 - Maternal Medical/Obstetric Reasons
 - Needing ICU Admission
 - Lactation Failure Due To Any Cause
 - Sero-positive mothers
 - AFAAS Criteria
 - Death of Mother

SUMMARY AND CONCLUSIONS

- HMB helps in reducing the neonatal morbidity and mortality rates.
- It is feasible and cost-effective service in long run.
- Also, HMB is imperative for achieving Millennium Development Goals
- Human Milk Banking - a boon for newborns.
- Awareness of HMB should be increased in community
- Establishment of HMBs will help to improve neonatal care in developing countries.
- Every medical college hospital should start HMB

SUCCESS STORIES

- YHMB staffs trained for counselling mothers
- Prior Lactation
- Reinforced lactation: with pump, hand massage, artificial nipple, shields.
- Reinforced lactation: with pump, hand massage, artificial nipple, shields.
- Proper counselling & management
- Many mothers referred for breast abscess & severe mastitis (20 cases in 2018)
- Helped moms with infectious diseases who Benefitted
- Mother of HIV infection (2) alongwith VCTC counselors
- Hospitality & (2)
- Mom with Silicon Implants from Switzerland
- CLMTRC staff counselling and counselling for home management



- Donor Mothers
- A mother with premature delivery - donated 13880 ml milk (9 mths) Facilitated in inauguration function of advanced Milk Bank
- Working Staff Nurse in Hospital donated 32 liters milk
- LBW
- Extremely LBW baby (23 weeks gestation), Ventilator support
- Extremely LBW baby (23 weeks, 930 gms), RDSS, Pneumonia, Neonatal Sepsis in early NEC 200mls of DMH per day for 02 months. Baby recovered well
- TWINS: Tiny (800 & 740 gms) Preterm (28 weeks)
- Infected with support of milk for a month
- TRIPLETS
- All babies Less Than 1.5 Kgs - Milk was given for 1 mth in Hospital
- 30 Litres of Milk given after discharge also
- A Mother in ICU (surgical complications)
- Baby was provided milk for 45 days

- Reduced incidence of Neonatal morbidities
- Breast
- Increased feed tolerance
- Reduced time to full feeds
- Better weight gain
- Reduced hospitalization and expenses
- Neonatal mortality reduced by approx. 50%
- Ensures continuous supply of safe human milk
- Positive influence on breast feeding practices in hospital and community

- Angewandte IGOS in Cooperation
- Liens Club
- NGOs Rotary
- Shri Foundation, PCMC



INVOLVEMENT OF YOUNGSTERS

- Poster, Essay Competition Role play etc. (UG, PG Medical & Nursing students)
- WBSW Celebrations (15yrs) - Awarded by WABA

- HOSTED 1st INTERNATIONAL CONFERENCE ON HMB
- Organized by Dept. of Peds. on 10th & 11th April 2015.
- Dr. J. P. Naddia, Then Health Minister, Govt. of India
- National guidelines for HMB in India released
- GR: Every District Hosp. NICU should start HMB. Govt. of India
- Every Medical College Hospital should establish HMB.

- PRESENTATION OF STUDIES OF MILK BANK
- Community Awareness: Milk Bank
- EMBA 2015, Lyon
- Paper Presentation in Conf. Faculty/UG PG Students
- Awareness in Lactation, Breast Feeding Conferences, Digital & Print Media

- FUTURE PLANS
- Mobile Milk Banking
- Human Milk Banks for collection and delivery of mother's milk.
- Collection Centres
- 3 sites by Rotary Club, Nigdi
- Public Health Program
- Peer Educators, Youth Ambassadors - Involve Adolescents
- Interdisciplinary Work: Nursing, GICU, PHM etc.
- Establishment Continuous education courses by BPHI, IBCLC
- To start Lactation Management Courses approved by DY Health University
- Natal & Research Centre on Lactation and Milk Banking
- Dr. Vicky Desai, Senior Neonatologist (UCLA, USA)
- Collaboration with Deenanath Mangeshkar Hospital, Pune

- RESEARCH IN HMB
- Indian Council of Medical Research (ICMR) Short-term Study Project
- Human Milk Banking and its effect on immediate neonatal Mortality, Morbidity and Duration of hospital stay
- Post-graduate Thesis
- To study Effect of Human Milk Banking on Neonates in Lactation Failure due to any cause
- 24% decrease in occurrence of SEPSIS
- 24% decrease in hyperbilirubinemia
- Microbiology Student
- ICMR Research Project on HMB sanctioned
- Research in Collaboration
- Nursing College DY, UG, PG
- Dept. of Ob Gy, Microbiology



TEAM OF HMB



INTERNATIONAL BREASTFEEDING AND LACTATION SYMPOSIUM

Presented

By

Dr. Shailaja Mane

14th International Breastfeeding and Lactation Symposium
4 - 5 April 2019, London England

We herewith confirm the presentation of the poster:

"Five years of experience in Human Milk Banking for a Private Medical College and Hospital in Western India"

Presented by:

Dr. Shailaja Mane

Co-authors: Dr. Sudhir Malwade, Dr. Sharad Agarkhedkar

4 - 5 April 2019,

London, England

Dr. Shailaja Mane

Dr. Leon Molodt