



NEIGRIHMS

NORTH EASTERN INDIRA GANDHI REGIONAL INSTITUTE OF HEALTH & MEDICAL SCIENCE, SHILLONG

(An Autonomous Institute, Ministry of Health and Family Welfare, Government of India)

RRC-TELEMEDICINE(N.E), DEPARTMENT OF ANAESTHESIOLOGY

No.NEIGR/Telmed/2017/72

Dated: Shillong, the 11th April, 2017

Annual Telemedicine Report 2016-2017

1. **Manpower:** -

Initial recruitment of manpower for the RRC (NEIGRIHMS) has been completed. The staffs for the post of consultant (Operation), Infrastructure & Networking Administration and Telemedicine Technician has joined and started working. However the applicant for the post of Content Developer did not join, so the post of Content Developer is still vacant. We are in process of filling up this vacant post as soon as possible.

2. **Infrastructure:-**

- a. Site for DATA CENTER has been identified and the construction will be starting soon.
- b. Construction of site for Tele-evidence and Tele-Consultation rooms has been completed.
- c. The ICT equipment required for setting up of the VCR in Lecture Theatre -2 is already finalized by NIC-Shillong and the process of procuring the ICT equipment is under the process by our procurement section NEIGRIHMS.
- d. Construction of office space for Telemedicine staff and E-Library has been completed in the Library premises, NEIGRIHMS. A total of 26 terminals set-up have been constructed. The process of procuring the ICT equipment is under the process by our procurement section NEIGRIHMS.

3. **Outreach Telemedicine Programme:-**

- a. As a pilot project for our Outreach Telemedicine programme, we are in the process of equipping an ambulance with the following: (i). Digital X-ray (ii). Ultrasound/ Echo Machine. (iii). ECG (iv). Tele- Pathology Microscope (v). Video Camera and (vi). Laptop etc. – All to be interfaced through a Telemedicine communication system either through NKN connection/ fiber-optic cable based at the Block/PHC level and /or VSAT/3G/4G connections. We are in constant consultation with NIC-Shillong for exploring the best option suited to Meghalaya for our Tele- Ambulance. Two of our RRC (NEIGRIHMS) staff also went to SGPGIMS, Lucknow for training regarding Tele-ambulance

Network configuration for communication using VSAT. The process of procuring the ICT equipment is under the process by our procurement section NEIGRIHMS

b. Palliative Care Outreach services are already being monitored over “Whatapp/ Skype” at present in NEIGRIHMS.

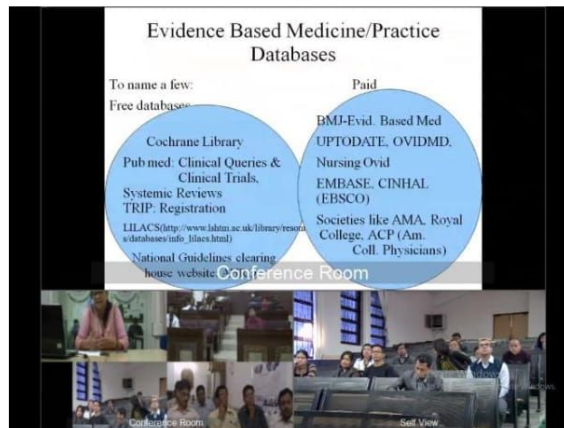
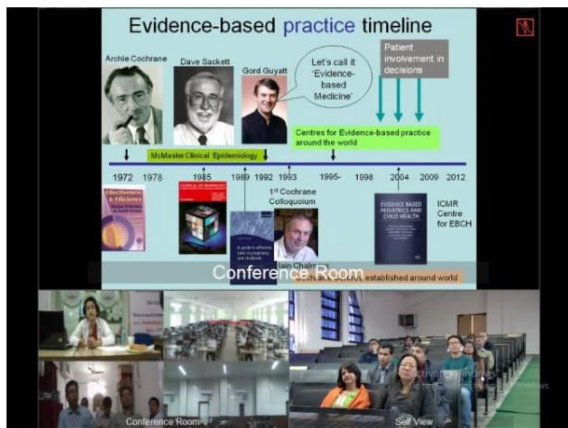
4. Workshop:-

i. **“National Identification Number (NIN) Training workshop”** for North East regions was conducted on 11th August, 2016 by RRC-TeleMedicine, NEIGRIHMS.

ii. **"Special Training on Mass Casualties and Hospital Management during Disaster"** was organised by Meghalaya State Disaster Management Authority (SDMA) in collaboration with NEIGRIHMS, Shillong from 20th to 22nd Feb, 2017. The said Training was shared with all the eleventh district of Meghalaya through Video Conferencing. AIIMS-Raipur headed by Dr. Praveen Kumar Neema, Medical Superintendent, AIIMS-Raipur also joined for Panel Discussion through Video Conferencing on 21st Feb, 2017 during this said Training.



iii. A **Tele-enabled** workshop on **“How to teach Evidence Based Clinical Practice”** was organized by **PGIMER, Chandigarh** in collaboration with **NEIGRIHMS, Shillong** along with **Agartala Government Medical College, Agartala; Jorhat Medical College, Jorhat and Silchar Medical College & Hospital, Silchar** on 23rd March to 24th March, 2017.



5. CME details:-

- i. A Video Conferencing session on Tele-Radiology software i.e., **“CollabDDS”** was conducted **between RRC-TeleMedicine, NEIGRIHMS and NIC-New Delhi** on 8th July, 2016.
- ii. A Video Conference on **Tele-Evidence** was held on 17th September, 2016 at Director’s Conference Room, NEIGRIHMS between (i). Hon’ble Chief Justice, High Court High court of Meghalaya along with his brother Judges as well as Judicial Magistrates & other Judicial Officers, (ii). Staffs of NEIGRIHMS, Shillong and (iii). PGIMER, Chandigarh.



- iii. A Video Conferencing session on the **“Software Up-gradation Of CollabDDS”** was held on 8th November, 2016 between **NIC-New Delhi and RRC-Telemedicine, NEIGRIHMS.**

- iv. A **collaborative** session on **Tele-radiology** using **CollabDDS** was held on 24th November, 2016 with **Prof. Archana Gupta, Dept. of Radiology, SGPGI, Lucknow** and **Dr. Chandralekha Baruah, Dept. of Radiology, NEIGRIHMS and NIC-New Delhi**.



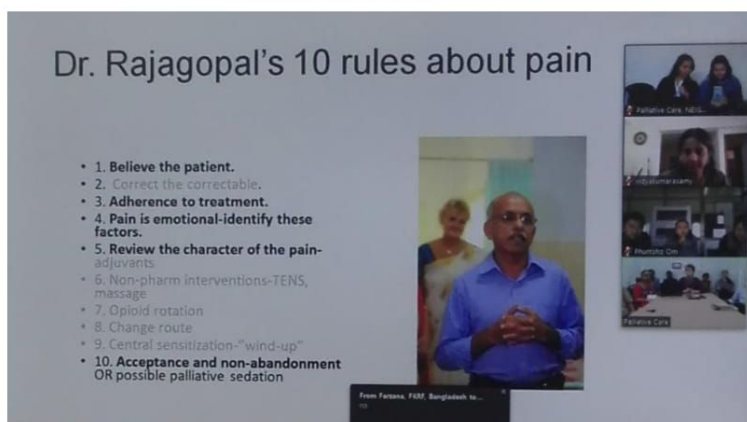
- v. Palliative Care, NEIGRIHMS joined the **Tele-Conference session** on Virtual grand rounds- by Dr. Nandini Vallath , Trivandrum, Institute of Palliative Sciences and Coordinated by TIPS-ECHO Project on 23rd December, 2016 from RRC-Telemedicine studio room , NEIGRIHMS.



- vi. Palliative Care, NEIGRIHMS joined the **Tele-conference session** on **“Treat That Pain”** by Dr. M. R. Raja Gopal and Co-ordinate by Tips Echo Project on the 20th January, 2017 from **RRC-Telemedicine Studio room, NEIGRIHMS**.
- vii. **"CME on Cancer Awareness"** was organised by Dept. of Surgical Oncology, Oncology and Community Medicine, NEIGRIHMS was held at Lecture Theatre-1 on 2nd February, 2017. In this program a Tele-conference was held between Dr. Pankaj Chaturvedi from Tata Memorial Hospital, Mumbai and NEIGRIHMS, Shillong.



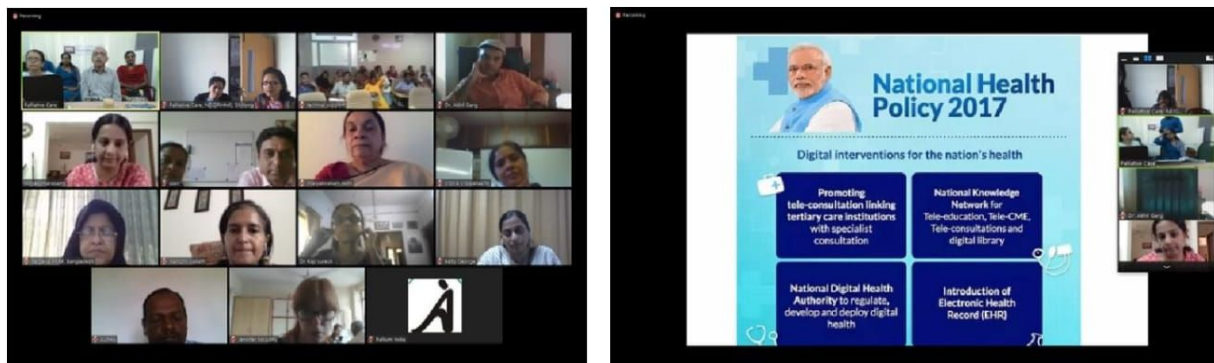
viii. Palliative Care, NEIGRIHMS joined the **Tele-conference session** on the **“Evaluation Of The Pain Experience”** by Dr. Ann Broderick on the 3rd February, 2017 from **RRC-Telemedicine Studio room, NEIGRIHMS.**



ix. Palliative Care, NEIGRIHMS joined the **Tele-conference session** on the **“WHO Padder-Need For Flexibility”** on the 17th February, 2017 from **RRC-Telemedicine Studio room, NEIGRIHMS.**

x. Palliative Care, NEIGRIHMS joined the **Tele-conference session** on the **“Understanding Medical Use Of Opioids Part-1”** on the 3rd March, 2017 from **RRC-Telemedicine Studio room, NEIGRIHMS.**

- xi. Palliative Care, NEIGRIHMS joined the **Tele-conference session** on the **“Understanding Medical Use Of Opioids Part-2”** on the 17th March, 2017 from **RRC-Telemedicine Studio room, NEIGRIHMS.**



- xii. **Continuing Medical Education (CME)** session was held on 30th March, 2017. The topic of discussion was on **“Paediatric Neurological Common Problems”** delivered by Dr. Siddhartha Shah, Paediatric Neurologist, MBBS, DCH (Paed), MD (Pead), DCH (UK), MRCPCH (UK), FRCPC (UK) Ahmedabad.




6. **ICT Equipment's :-**

The following list of ICT Equipment has been purchased till date:

- a. 15 no's of Desktop Computer.
- b. 15 no's of Microsoft office 2010 (Academic Version).
- c. 2 no's of Network Printer (Laser).
- d. 5 no's of Stereo Speaker
- e. 4 no's of Web- Cam (HD).

- f. 15 no's of Head-Phone.
- g. 1 no's of non-modular UPS 10Kva 60 min back-up.
- h. 2 no's of online UPS 5Kva 60min back-up.

7. In consultations with the State Govt. of Arunachal Pradesh for implementation of NMCN scheme along with Virtual classroom in the upcoming Medical College.


11/4/17
Dr. P. Bhattacharyya
HOD of Anaesthesiology
Nodal Officer Telemedicine
NEIGRIHMS Shillong-18