

Annual Report of Regional  
Resource Centre, Department  
of Telemedicine, PGIMER.  
**2016-2017**



4. Guru Govind Singh Medical College, Faridkot
5. Govt. Medical College and Hospital, Amritsar

### **National Medical College Network (NMCN)**

Department of Telemedicine, PGIMER is on the radar of becoming part of the NMCN and it will be facilitating tele-services in medical education and consultancy.

### **PUNJAB -PGI -LINKAGE PROJECT**

A total number of **1934 cases in the year** 2016-17 were received for consultation from various connected centers, (Details attached) relating to different specialties and super-specialties. Department of Telemedicine is providing the on line consultation through **e-sanjeevani** programme developed by the C-DAC Mohali to the 24 District hospitals and 3 Govt. medical colleges of Punjab.

### **PGIMER ISRO LINKAGE**

PGI is having telemedicine facility with 111 medical institutes all over India via satellite connectivity provided by ISRO, Bengaluru. Regular transmissions on specialized clinical topics from ISRO Ahmedabad are being held and are being attended by the faculty of PGIMER. In 2016-17 twelve (12) interactive sessions have been held of various departments such as Recent Advances in various specialties.

Hon'ble union minister of Health and Family welfare Shri J P Nadda inaugurated three remote centre through ISRO satellite. 1. Sabarimala Temple in Kerala, 2. Medical College Pooh, Himachal Pradesh and 3. Sheshnag during Amarnath Pilgrimage on 6<sup>th</sup> August, 2016.



Hon'ble Union Minister of Health & Family welfare inaugurated the ISRO Centre at Govt. Medical College at Pooh, Himachal Pradesh



Hon'ble Union Minister of Health & Family welfare inaugurated the ISRO Centre at Sheshnag, Amarnath pilgrimage



Hon'ble Union Minister of Health & Family welfare inaugurated the ISRO Centre at Sabarimala temple, Kerala

**Departmental Highlights:**

The use of telemedicine is strengthening the rural health services and providing medical education by specialists through Video conferencing. Telemedicine provides high quality

clinically relevant medical updates and access to modern technology in diagnosis and treatment through educational programmes.

- We have presented our innovation “**M Health Technology based Spirometry**” at Indo African summit from **1<sup>st</sup> to 3<sup>rd</sup> September 2016** Vigyan Bhawan, New Delhi, India.
- We have also participated and represented PGIMER in the India International Trade fair organized by Ministry of Health and family Welfare from **14<sup>th</sup>-27<sup>th</sup> November 2016** at Pragati Maidan, New Delhi, INDIA
- We also represented PGIMER in the India International Science Festival organized by Ministry of Science and Technology from **7<sup>th</sup> -11<sup>th</sup> December 2016** at CSIR-National Physical Laboratory, New Delhi.

### **Clinical-Pathological Conferences**

Telemedicine Centre is transmitting the educational CPCs to the various medical colleges connected. A total number of **28 CPCs** were transmitted from April 2016 to March 2017.

Different educational sessions of various departments have also been transmitted to the connected centers.

### **Tele evidence through Video conferencing**

Telemedicine centre is continuing providing video Conferencing facilities for the doctors of PGIMER, for giving evidence in District Courts of Punjab and Haryana and this is proving very useful in saving valuable time of the doctors. Already **1520 sessions** have been conducted successfully during the year.

### **Transmission of Clinical Lectures**

We are continuing with the transmission of clinical lectures on Monday, Tuesday and Thursday from 8 A.M to 9 A.M to all the three medical colleges of Punjab which started on 20 January 2014, and it is benefitting the faculty there. A total of **75** clinical lectures were transmitted during the year 2016-17.

### **Live transmission of academic conferences**

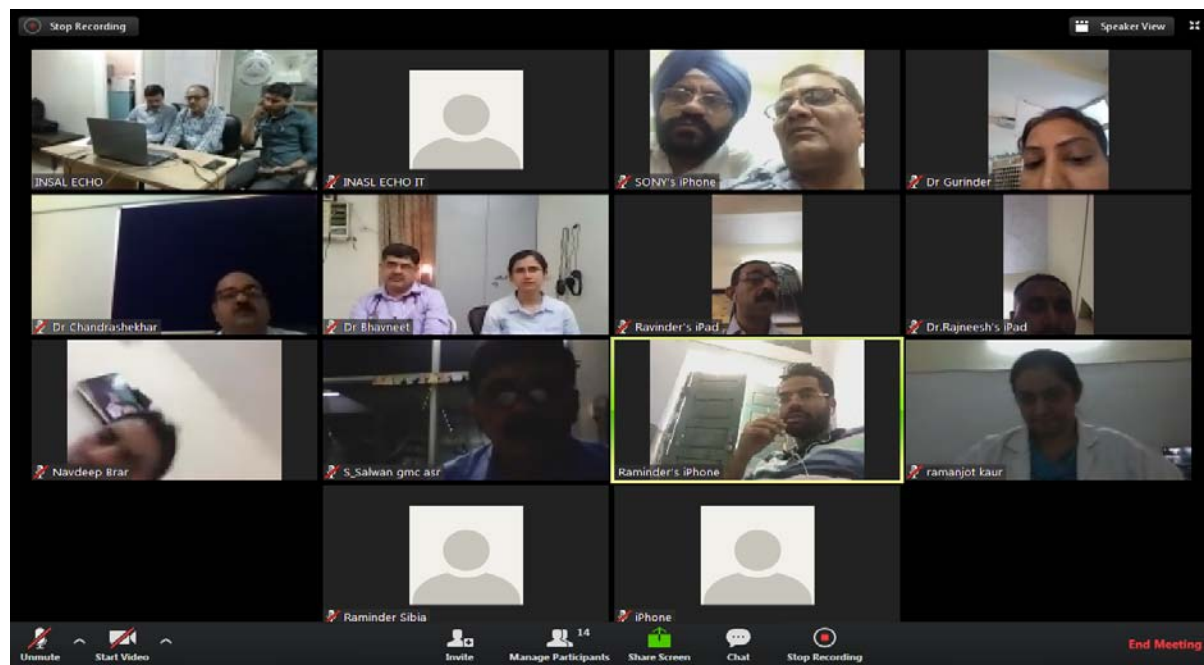
This Centre is also facilitating the live transmission of various academic conferences being held in our institute. We have successfully transmitted a workshop on “How to teach Evidence Based

Clinical Practice” to North-East region of India [(NEIGRIHMS, Shillong), (Jorhat Medical College, Assam), (Silchar Medical College, Assam) and (Agartala Medical College, Tripura)].

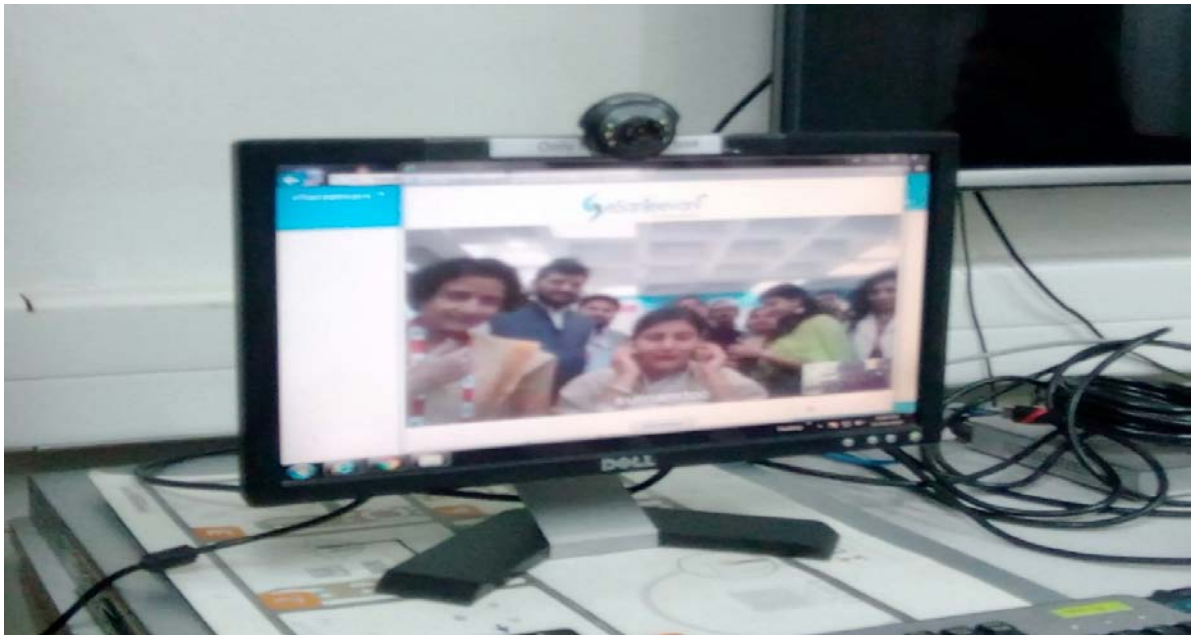
### **Interactive Sessions**

Interactive session between Department of Pediatric medicine of PGIMER and AIIMS, New Delhi has been transmitted every Monday and Interaction between the Pediatric Genetics of PGIMER and SGPGI, Lucknow on every Tuesday. Teaching sessions regarding Hepatitis C awareness have been transmitted through zoom software with district hospitals of Punjab by Department of Hepatology twice in a month.

### **Patient discussion Session regarding Hepatitis C with District Hospital Punjab using ZOOM software.**







Hon'ble State Minister of Health and Family Welfare Smt. Anupriya Patel doing video conferencing from India International Trade fair to Department of Telemedicine, PGIMER, Chandigarh

**Department of Telemedicine organizes a workshop on “Health Information System (HIS) & Online Registration System (ORS): Ground realities and 360° View” Under the aegis of Ministry of Health and Family welfare, Government of India On 28<sup>th</sup> September 2016.**



**Details of Tele Consultations (e-Sanjeevani)**

Under the project the department has given break up wise consultation to the various specialties and super-specialties during the year 2016-17 under Punjab Project, e-Sanjeevani.

<b>Department</b>	<b>e Sanjeevani</b>	<b>Percentage</b>
Pediatrics	247	12.77
Medicine	238	12.30
Gynaecology	185	9.56
Ortho	164	8.47
Skin	155	8.01
Dental	123	6.35
ENT	102	5.27
Ophthalmology	101	5.22
Pathology	97	5.01
Anaesthesia	96	5.00
Surgery	78	4.03
Pulmonary Medicine	77	4.02
Hepatology	68	3.51
Neurology	47	2.43
Psychiatry	41	2.11
Cardiology	22	1.13
Endo	22	1.13
Urology	20	1.10



Gastro	16	0.82
Paed.surgery	12	0.62
Neurosurgery	08	0.41
Nephrology	07	0.36
Haematology	05	0.25
Blood Bank	01	0.05
Plastic Surgery	01	0.05
Forensic Medicine	01	0.05
<b>Total</b>	<b>1934</b>	<b>100</b>

**Figure 2: Bar Chart representation of Tele consultations Total 1934  
(e –Sanjeevani)**

