

**Prashanti Cancer Care Mission**  
**Reaching out with excellence**



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# ***NEWSLETTER***

# ***AUGUST 2019***

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**1. PRASHANTI CANCER CARE MISSION IS HAPPY TO ANNOUNCE THE FIRST OF ITS KIND CANCER RESEARCH CONFERENCE AT IISER PUNE ON SEPTEMBER 21-25 TITLED "MULTI-OMICS STUDIES IN CANCER: LEARNINGS FROM THE CANCER GENOME ATLAS (TCGA)"**

We are proud to host the TCGA team led by Dr. Jean Claude Zenklusen (Director, TCGA) for the 1st time in India. This expertise will be used to train the Indian cancer community in the form of a conference and hands-on training workshop. Dr. Renu Swaroop (Secretary, Dept of Biotechnology, GoI), Prof. Shekhar Mande (Director, Council for Scientific and Industrial Research, GoI), directors of major cancer centres and CEO of reputed pharma, biotech and genomics companies will be conference faculty. The conference will be attended by over 300 delegates from various cancer related domains.

We welcome you to attend this unique event and request you to spread the word in your networks.

Conference website  
[Http://tcga.ctcr.in](http://tcga.ctcr.in)



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# 1<sup>ST</sup> TCGA CONFERENCE AND WORKSHOP IN INDIA

## Multi-Omics Studies in Cancer Learnings from The Cancer Genome Atlas (TCGA)

NATIONAL CANCER INSTITUTE  
THE CANCER GENOME ATLAS

### TCGA BY THE NUMBERS

TCGA produced over

**2.5**  
PETABYTES  
of data



To put this into perspective, 1 petabyte of data is equal to:

**212,000**  
DVDs



TCGA data describes

**33**  
DIFFERENT  
TUMOR TYPES

...including

**10**  
RARE  
CANCERS

...based on paired tumor and normal tissue sets collected from

**11,000**  
PATIENTS

...using

**7**  
DIFFERENT  
DATA TYPES



Venue: **IISER Pune**

Conference:  
September 21-22, 2019

Hands-on Workshop:  
September 23-25, 2019

### Co-organized by:

- Centre for Translational Cancer Research (CTCR) - A joint initiative of Indian Institute of Science Education & Research (IISER), Pune and Prashanti Cancer Care Mission (PCCM), Pune
- Persistent Systems
- The Cancer Genome Atlas (TCGA), NCI, NIH, USA

### Endorsed by



### Academic Partner

Indian Journal of Medical and  
Pediatric Oncology

For further details: <http://tcga.ctcr.in> | [ctcr.tcga@gmail.com](mailto:ctcr.tcga@gmail.com)



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Persistent Systems
- The Cancer Genome Atlas (TCGA), NCI, NIH, USA

**Venue: IISER Pune****Conference:**  
September 21-22, 2019**Hands-on Workshop:**  
September 23-25, 2019

### ORGANIZING COMMITTEE

#### ADVISORS

Dr. Jean Claude Zenklusen, Director, TCGA, NCI, NIH, USA  
 Dr. Anand Deshpande, Chairman and MD, Persistent Systems  
 Prof. Sunil Badve, Joshua Edwards Professor of Laboratory Medicine, Indiana University School of Medicine, USA  
 Dr. C.B. Koppiker, Medical Director, PCCM, Pune  
 Prof. L.S. Shashidhara, Professor, IISER Pune  
 Prof. Chintamani, Professor, VMMC, Safdarjung Hospital, New Delhi  
 Dr. Chetan Deshmukh, Consulting Medical Oncologist, PCCM, Pune  
 Dr. Sanjeev Galande, Professor and Chair (Biology), IISER Pune  
 Dr. Smruti B.K., Consulting Medical Oncologist, Lilavati Hospital, Mumbai

#### CONVENOR

Dr. Santosh Dixit, Senior Scientist, PCCM, Pune

#### ORGANIZING TEAM

Dr. Mayurika Lahiri, Associate Professor, IISER Pune  
 Dr. Nagaraj Balasubramanian, Associate Professor, IISER Pune  
 Dr. M.S. Madhusudhan, Associate Professor, IISER Pune  
 Dr. Anamika Krishanpal, Senior Domain Specialist, Labs, Persistent Systems  
 Dr. Jyothi Prabhu, Associate Professor, SJRI, Bangalore  
 Dr. Aruna Korlmarla, Assistant Professor, SJRI, Bangalore  
 Dr. Madhura Kulkarni, Senior Scientist, PCCM, Pune  
 Dr. Devaki Kelkar, Senior Scientist, PCCM, Pune  
 Dr. Swagatika Sahoo, Assistant Professor, IIT Chennai  
 Dr. Sabarinathan Radhakrishnan, Assistant Professor, NCBS  
 Mr. Srikanth Verma, Domain Team Lead, Labs, Persistent Systems

#### PATRONS

Ms. Laleh Busheri, CEO, PCCM, Pune  
 PCCM Pink Ribbon Support Group

### FACULTY

#### CHIEF GUESTS

Dr. Renu Swarup, Secretary, DBT, Government of India, New Delhi  
 Prof. Shekhar Mande, DG-CSIR, New Delhi

#### INTERNATIONAL

Dr. Jean C. Zenklusen, Director, TCGA, NCI, NIH, USA  
 Prof. Sunil Badve, Joshua Edwards Professor, Laboratory Medicine, Indiana University, USA  
 Dr. Zhining Wang, Project Officer, Center for Cancer Genomics (CCG), NCI, NIH, USA  
 Dr. Benjamin Berman, Associate Professor, Cedar's Sinai Cancer Centre, LA, USA  
 Dr. Katherine A. Hoadley, Assistant Professor, UNC, Chapel Hill, USA  
 Dr. Cyriac Kandoth, Senior Computational Biologist, MSKCC, NYC, USA  
 Mr. Sam Santhosh, Founder and Chairman, MedGenome Inc, USA  
 Dr. Somasekhar Seshagiri, CEO/CSO ModMab Therapeutics, San Carlos, USA  
 Dr. Anguraj Sadanandam, Asso. Professor, Institute of Cancer Research, London, UK  
 Dr. Kyle Elliott, Assistant Professor, Oregon Health and Science University, USA

#### NATIONAL

Dr. G.K. Rath, Director, NCI-AIIMS, New Delhi  
 Prof. Sudeep Gupta, Director, ACTREC, Navi Mumbai  
 Prof. Rajiv Sarin, Professor, ACTREC, Navi Mumbai  
 Dr. Radhakrishna Pillai, Director, RGCB, Thiruvananthapuram  
 Dr. C. S. Pramesh, Director, TMH, Mumbai and Convenor, National Cancer Grid  
 Dr. Shahid Jameel, CEO, Wellcome-Trust-DBT India Alliance, New Delhi  
 Prof. Rajesh Dikshit, Director, Centre for Cancer Epidemiology, ACTREC, Navi Mumbai  
 Prof. Sanjeev Galande, Professor and Chair (Biology), IISER Pune  
 Prof. T. S. Sridhar, Professor, St. John's Research Institute, Bangalore  
 Prof. Mahalingam, Professor, IIT, Chennai  
 Dr. Sharmila Bapat, Professor, NCCS, Pune  
 Dr. Amit Dutt, Principal Investigator, ACTREC, Navi Mumbai  
 Dr. Ramesh Hariharan, Co-founder and CEO, Strand Life Sciences Pvt. Ltd.  
 Dr. Rajgopal Srinivasan, Senior Scientist, Cancer Genomics, TCS, Hyderabad  
 Dr. Ravi Kannan, Director, Cachar Cancer Centre, Assam  
 Dr. Murali Dharan Bashyam, Head, Molecular Oncology, CDFD, Hyderabad

### Endorsed by



### Academic Partner:

Indian Journal of Medical and Pediatric Oncology

For further details: <http://tcga.ctcr.in> | [ctcr.tcga@gmail.com](mailto:ctcr.tcga@gmail.com)

**2. DR C B KOPPIKER WAS INVITED AS AN EXPERT FACULTY AT THE INTERNATIONAL BREAST SURGERY FLUORESCENCE CONSENSUS MEETING, HELD AT SINGAPORE ON 24<sup>TH</sup> AUGUST 2019.**



**3. DR KOPPIKER WAS INVITED AS A SPEAKER AT THE CONTROVERSIES TO CONSENSUS IN CLINICAL ONCOLOGY 2019 CONFERENCE HELD IN KOLKATA ON 16TH - 17TH AUGUST. HE SPOKE ON 'BREAST CONSERVATION IN LARGE OPERABLE / LOCALLY ADVANCED BREAST CANCERS AND ITS FEASIBILITY IN INDIAN SETTING'.**



#### 4. ARTICLE BY DR KOPPIKER FEATURED IN TIMES OF INDIA

## A PUNE BREAST CANCER CENTRE RECEIVES LATEST TECHNOLOGY FROM GERMANY

**O**rchids Breast Health Clinic (OBHC) in Pune has installed a cutting edge breast cancer diagnosis technology – Mammography with 3-D Tomosynthesis with an additional Contrast Enhanced Imaging. Up until now, a digital mammography with 3-D Tomosynthesis was considered as the gold standard for accurate diagnostics and treatment evaluation of breast cancer. Contrast Enhanced Digital Mammography (CEDM) improves the precision of 3-D Tomosynthesis imaging.

This latest version of the mammography machine released internationally, provides the highest resolution as well as superior diagnostic accuracy due to the much advanced 3-D Tomosynthesis and Contrast Enhanced imaging feature. The tomosynthesis feature takes 52 slices and generates accurate data, enabling to pick up the smallest of pre-cancerous and cancerous lesions in the dense breast.

Dr CB Koppiker, medical director, Orchids, explains, "Indian women are known to have dense breasts (i.e. less than 50 per cent fatty tissue), which poses a challenge for accurate and early cancer diagnosis. Considering that breast cancer affects younger women (less than 50 years) in our country, this treatment modality is of great value in the Indian context." The



### ASK THE EXPERT

**Dr CB Koppiker,**

Breast Cancer Oncoplastic Surgeon, Orchids Breast Health, Faculty UK and SOS - USA

CEDM feature offers an efficient alternative for the more costly MRI with faster interpretations and reporting times, and improved patient comfort.

The newly installed CEDM at OBHC will improve the accuracy even further to enable extremely accurate and specific diagnosis. The availability of an Automated Breast USG at OBHC will ensure error-free diagnostic accuracy for early breast cancers across all ages. The clinic has also pioneered the Vacuum Assisted Biopsy (VAB) procedure which is a novel method used for removal of benign lesions such as fibroids and papillomas. This is an out-patient procedure, where the patient can go home within an hour and has the added advantage of being a stitch less and scar-

less procedure.

Dr Koppiker is one of the pioneers of Oncoplastic Breast Surgery (OBS) in Asia. He has a large number of OBS amounting to over 2000. OBS avoids removal of breast and improves the quality of life of the cancer patient. The malignant tumour is removed, with the added benefit of restoring the breast shape and size, while ensuring good cosmesis in a single surgery.

Contact: [Koppiker@gmail.com](mailto:Koppiker@gmail.com); 9822674040.

(\*Procedures and views mentioned are based on the expert's understanding of the said field.)

## 5. ARTICLE BY DR KOPPIKER FEATURED IN LOKMAT

ऑर्किड्स ब्रेस्ट हेल्थ क्लिनिक (OBHC), पुणे यांनी भारतात प्रथमच उच्च प्रतिये तंत्रज्ञान जे स्तनकर्करोग निदानसाठी अत्यंत उपयोगी असे आहे, या मध्ये उच्चप्रतिये इमेजींग करणारे मॅमोग्राफी व 3D टोमोसिंथेसीस आणि Additional Contrast Enhanced Imaging स्थापित केले आहे.

आता पर्यंत, डिजिटल मॅमोग्राफी व 3D टोमोसिंथेसीस हे स्तनकर्करोगाच्या अचूक निदान व उपचारासाठी सुवर्ण मानक मानले जात होते. आता Contrast Enhanced Digital Mammography (CEDM) या आधुनिक प्रणालीद्वारे 3D टोमोसिंथेसीस प्रतिमेच्या अचूकतेत प्रगती झाली आहे. ही मॅमोग्राफी तंत्राची आंतरराष्ट्रीय स्तरावर निर्मित झालेली अशी नविनतम आवृत्ती आहे, जी सर्वोत्तम प्रगत 3D टोमोसिंथेसीस आणि Contrast Enhanced Imaging या वैशिष्ट्यांमुळे उच्चतम रेझोल्यूशन तसेच अचूक निदान प्रदान करते. टोमोसिंथेसीसचे वैशिष्ट्य म्हणजे, हे एका वेळी ५२ प्रतिमा घेते आणि अचूक माहिती उपलब्ध करून देते. जेणे करून घन स्तनांमध्ये पुर्व कर्करोग तसेच कर्करोगाच्या सुक्ष्म अशा पेशींचे अंश ही शोधून काढण्यास मदत होते.

डॉ. सी. बी. कोप्पीकर (वैद्यकीय संस्थापक ऑर्किड्स) यांच्या मते "भारतातील बऱ्याच महिलांमध्ये घनस्तन (म्हणजेच ५०% घरबंदीयुक्त पेशी) असतात. जे प्रथम टप्प्यातील कर्करोगाचे अचूक निदान करण्यात एक आव्हान आहे. देशात स्तन कर्करोग हा मुख्यतः तरुण स्त्रियांमध्ये (वयोगट ५० वर्षांपेक्षा कमी) आढळून येतो. हे लक्षात घेता भारतीय स्त्रियांसाठी ही उपचार पद्धती अत्यंत उपयुक्त आहे." Contrast Enhanced Digital Mammography चे वैशिष्ट्य म्हणजे हे महागड्या एम.आर.आय. स्कॅन पद्धतीला उत्तम पर्याय आहे तसेच जलदरीत्या तपासणी व अहवाल उपलब्ध होतात. यामुळे रुग्णांसाठी ही सगळी प्रक्रिया सुसह्य होते.

ऑर्किड्स ब्रेस्ट हेल्थ येथे नव्याने स्थापित करण्यात आलेल्या "Contrast Enhanced Digital Mammography (CEDM)" मुळे अत्यंत अचूक असे निदान करता येईल. या तंत्रज्ञानाव्यतिरिक्त ऑर्किड्स ब्रेस्ट हेल्थ येथे 'Automated Breast USG' द्वारे सर्व वयोगटातील स्तनकर्करोगाचे लवकर व ब्रुटी मुक्त निदान सुनिश्चित करता येईल.

ऑर्किड्सब्रेस्ट हेल्थ जे भारतातील एकमेव आधुनिक तंत्रज्ञान युक्त असे स्तन आरोग्य केंद्र तर आहेच याशिवाय इथे Vacuum Assisted Biopsy (VAB) प्रक्रिये मध्ये अग्रगण्य आहे जी एक नाविन्यपूर्ण पद्धती आहे यामध्ये कर्करोग नसलेल्या गाठी- फायब्रॉईड्स आणि पॅपिलोमास काढण्यात येतात. ही एक अत्यंत सोपी ओपीडी बेस्ट आहे. या नंतर रुग्णाला तासाभराने घरी जाता येते. याचा आणखी एक फायदा म्हणजे या प्रक्रिये मध्ये रुग्णाला कुठलाही घाव अथवा द्रवण रहात नाही.

डॉ. कोप्पीकर यांच्या पुढाकाराने आशिया खंडात ऑन्कोप्लास्टिक ब्रेस्ट सर्जरी (OBS) ची सुरुवात झाली व त्याच मुळे त्यांना भारतातील 'Oncoplastic Breast Surgery' चे जनक म्हणून प्रेमाने संबोधले जाते. त्यांनी आशिया मध्ये सर्वाधिक म्हणजे २००० पेक्षा जास्त OBS या पद्धती मध्ये स्तन काढण्याची प्रक्रिया टाळली जाते जेणे करून कर्करोग बाधित रुग्णाचे जीवनमान गुणवत्ता स्तर उंचावता येतो. याचा आणखी एक फायदा असा होतो की स्तनाच्या ठेवण व आकार अबाधित ठेवून कर्करोगाची गाठ काढली जाते. या एकाच शस्त्रक्रिये दरम्यान स्तनाचे सौंदर्य वाढविले जाते, जेणे करून स्त्री ला या शस्त्रक्रियेनंतर अधिक चांगले सुडौल स्तन प्राप्त करता येतात. या सर्वांच्या योगदानामुळे स्त्रिला तीचा आत्मविश्वास तसेच आरोग्यास अनुकूल अशी वाटचाल करण्यात खूप मदत होते.

पुढील अंकात याबद्दलची अधिक माहिती पाहूयात.

**डॉ. चैतन्यानंद बी. कोप्पीकर**  
(कॅन्सर सर्जन)  
ऑर्किड्स ब्रेस्ट हेल्थ, सेनापती बापट रोड, पुणे.  
9822674040 / E-Mail : koppiker@gmail.com

## 6. SOME OF THE AWARENESS TALKS HELD IN JULY 2019

### 1- AWARENESS TALK AT DRUVA DATA SOLUTIONS, S B ROAD







## 2- SAVALI FOUNDATION, SASANE NAGAR





### 3- BAHIRATWADI



### 4- ASHA WORKER AWARDS FUNCTION, SATARA







**OVER 207 WOMEN WERE SCREENED THROUGH CLINICAL BREAST EXAMINATION CAMPS; TO MENTION SOME:**

**i) Savali Foundation**





**ii) Bahiratwadi**



**iii) The Pavillion, S B Road**



# **FREESHIPS FOR DIAGNOSTICS AND SURGERY AT ORCHIDS BREAST HEALTH IN THE MONTH OF AUGUST 2019**

**❖ 25 PATIENTS RECEIVED MAJOR CONCESSIONS AND FREESHIP ON BREAST SURGERY**



**❖ 47 PATIENTS RECEIVED FREE CHEMOTHERAPY AND 57 RECEIVED MAJOR CONCESSIONS AT OUR DAY CARE CENTRE FOR CHEMOTHERAPY**



**❖ 275 PATIENTS RECEIVED FREE MEDICINES FROM OUR ONCO-PHARMACY**





❖ **103 PATIENTS RECEIVED FREE AND CONCESSIONAL MAMMOGRAPHY**



❖ **226 PATIENTS RECEIVED FREE SONOGRAPHY**



❖ **18 PATIENTS RECEIVED FREE AND CONCESSIONAL BIOPSY & VAB PROCEDURES**

**FEW CHOSEN TESTIMONIALS OF PATIENTS WHO WERE ADOPTED FOR FREESHIP IN AUGUST 2019**

**1) MRS SHEELA RATNAPARKHI**



My name is Mrs. Sheela Ratnaparkhi. I am diagnosed with breast cancer. I am thankful to Orchid staff specially Dr. Koppiker; they are really supportive and caring.

I have started coming to get treated over here, from the very 1st day. The doctors and Laleh ma'am not only supported financially but also supported morally to fight against such life threatening breast cancer.

I want to thank Dr. Koppiker and all staff of orchids for such an exceptional care and I wish them best for such work again.

**2) MRS URMILA BHALERAO**



My name is Urmila Bhalerao. I am very glad that I came to orchid clinic for cancer treatment. I belong from very poor family.

Dr. Koppiker & Laleh Ma'am made my treatment completely free. I feel I am very grateful to meet such kind people. Laleh Ma'am gave me free medicine for my chemotherapy.

I am very thankful to God everyone who has been so helpful.

Thank you, all orchid staff members for their caring nature.



### **3) MS MARY JOSE**



My name is Mary Jose. I am a cancer survivor. It was difficult for me to tackle this news as treatment was more troublesome than the disease, but Prashanti Cancer Care Mission gave me a ray of hope for my treatment & my life. Dr. Koppiker & Laleh mam helped me a lot mentally as well as financially. I am so grateful to everyone for supporting me so much. Specially sincere thanks to Laleh mam & Dr.Koppiker sir.

### **4)MRS SEEMA SALUNKHE**



I am diagnosed with cancer . I belong to a middle class family. I was very depressed after knowing it was cancer. But Prashanti Cancer Care Mission gave me ray of hope for my treatment & survival.

Dr. Koppiker & Mrs. Laleh mam helped me cope up mentally as well as financially. Free treatment of medicines helped me to cope up financially.

I am grateful to everyone at Prashanti Cancer Care Mission for supporting me like family.

We would like to **THANK** our  
Donors & Supporters

**Prashanti Cancer Care Mission**  
Reaching out with excellence



Warm Regards,  
Ms. Laleh Busheri

CEO

Prashanti Cancer Care mission

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