

### Scope of Services

#### Medical Oncology and Haematology

- Chemotherapy
- Immunotherapy
- Bone Marrow Transplant
- Paediatric Oncology
- Geriatric Oncology
- Onco critical Care

#### Surgical Oncology

- Head and Neck
- Breast
- GI, Lung and Thoracic
- Cervical and Gynaecology
- Prostate and Genito-urinary
- Colorectal
- Peritoneal
- Brain, Spine and Bone
- Liver and Pancreas

#### Plastic and Reconstructive Surgeries

#### Radiation Oncology

- Radiation Therapy

#### Nuclear Medicine

- PET CT
- SPECT
- High Dose Radionuclide Therapy

#### Pain and Palliative Care

#### Radiation Oncology

Dr. Sandeep Jain

#### Nuclear Medicine

Dr. Sunny Gandhi

#### Pain Management

Dr. Milan Mehta

#### Cardiology

Dr. Ketan Vekariya

### Medical Oncology and Haematology

#### Medical Oncology and Haematology

Dr. Pankaj Shah  
Dr. Manohar Chari  
Dr. Mithun Shah  
Dr. Nahush Tahiliani

#### Bone Marrow Transplant and Haematology

Dr. Nidhi Jain  
Dr. Akanksha Garg

#### Onco-critical Care

Dr. Bikas Mishra

### Surgical Oncology

#### HEAD AND NECK CANCER

Dr. Mahesh H. Patel  
Dr. Siddharth Shah  
Dr. Dipen Patel  
Dr. Supreet Bhatt

#### GYNAECOLOGICAL CANCER

Dr. Ava Desai  
Dr. Mona Shah

#### G.I., LUNG AND THORACIC CANCER

Dr. Mahesh D. Patel

#### BREAST CANCER

Dr. Priyanka Chiripal  
Dr. Neelam Ahirwar

#### UROLOGICAL CANCER

Dr. Mukesh Patel  
Dr. Raj Patel

#### NEURO CANCER

Dr. Dipak Patel  
Dr. Kalpesh Shah

#### SPINE CANCER

Dr. Hitesh Modi

#### ORTHOPEDIC CANCER

Dr. Jaymin Shah

#### PLASTIC AND RECONSTRUCTIVE SURGERY

Dr. Raghuvir Solanki  
Dr. Jatin Bhojani

### Why reconstruction at Zydus Cancer Centre?

Zydus Cancer Centre has the only dedicated and experienced cancer reconstructive plastic surgeon of entire Gujarat. Department of plastic surgery is supported by most experienced Onco surgeons, Best Microscope & Infrastructure ensuring proper tumor removal and best reconstruction. Our motto is all cancer patients should live life with hope, courage and happiness irrespective of their stage. Proper reconstruction would bring their self esteem and confidence back making them socially acceptable.



To book your appointment, call:

+91 79 66190201 / 372



#### Zydus Cancer Centre

Zydus Hospitals Road, S.G. Highway,  
Thaltej, Ahmedabad - 380 054, Gujarat.

Board Line: 079-71 666 000

www.zyduscancercentre.com

[f](#) [t](#) [i](#) [l](#) [v](#) /ZydusHospitals



## Department of Plastic & Reconstructive Cancer Surgery



## What is the role of Plastic Surgery in Cancer Management?

As a part of cancer treatment, many times a body part is removed which may affect that organ's function as well as appearance drastically. The main aim of plastic surgical treatment in such cases is to restore function and appearance of these body parts. For example, in oral cancers when tumor is removed without proper plastic surgery, swallowing, speech and facial appearance get affected to a major extent.

## Which cancer affected body parts can be reconstructed with Plastic Surgery?

- Tongue
- Buccal Mucosa
- Jaw Bone
- Palate
- Cervical Oesophagus
- Lip
- Breast
- Chest and Abdominal Wall
- Any Bony Defect

## Which Plastic Surgical procedures are utilisable for cancer management?

- 1) Skin graft
- 2) Flap Surgery - Pedicle and Free flaps

## What are the latest Plastic Surgical techniques used for cancer reconstruction ?

The most common and latest techniques utilisable for reconstruction of cancer area is called **Free Microvascular Tissue Transfer (Free Flap Surgery)**. It's a kind of tissue transplant similar to kidney and liver transplant surgery. The main difference is patients own body parts, be it skin, muscle or bone, along with their supplying blood vessels are taken. These tissues are transferred to required site, fixed with stitches and

their supplying blood vessels are joined with local available blood vessels under microscope with the help of finest sutures which are even thinner than the human hair.

## Are these Free Flap Surgeries safe ? Who can perform them ?

These surgeries should be done by experienced plastic surgeon who is trained specifically to perform such kind of complex procedures. In hands of such experienced plastic surgeons, these surgeries are quite safe.

## What are the advantages of Free Flap Surgery over conventional techniques?

- Better and faster recovery
- Better functional and cosmetic outcomes
- Wider resections are possible
- Minimal donor site morbidities
- Bony reconstruction possible, i.e. Jaw bone reconstruction is possible with leg bone (fibula bone)

## From which part of the body, Free Flaps can be taken?

Free Flaps can be taken from forearm, leg or thigh skin to reconstruct tongue and buccal mucosa. In jaw bone reconstruction, deficient bone is taken from leg bone (fibula), part of small bowel (Jejunum) is utilised to reconstruct cervical oesophagus.

## Can already operated Head and Neck Cancer patients undergo corrective reconstructive procedures?

Patients who have been already operated for Head and Neck Cancers but have facial disfigurement, can undergo free flap surgeries or liposuction.

## What is the aim of Breast Reconstruction?

As a part of treatment of Breast Cancer, when a part or whole of the breast is removed, and if reconstruction is not done, a female patient would have lifelong psychological trauma, the trauma of having lost her breast or having a deformed breast. aim of plastic surgical technique is to help her repaired self confidence

and femininity by reconstructing new breast with different plastic surgical techniques.

## Which are the techniques available for Breast Reconstruction?

- 1) In small and localised tumor, where breast conservative surgeries are employed, reconstruction is done with Latissimus Dorsi Flap (LD Flap) taken from back or in some cases, local tissue is rearranged to restore the contour, which is called Breast Onco Plastic Techniques.

## PLASTIC AND RECONSTRUCTIVE SURGERY



**Dr. Raghuvir Solanki**  
MS, M.Ch (Gold Medalist)  
Fellow, TMH, Mumbai  
MD Anderson Cancer Centre,  
Houston, Texas, USA



**Dr. Jatinkumar Bhojani**  
MS, M.Ch. - Plastic Surgery

- 2) When the whole breast requires reconstruction, either DIEAP Flap (where patients own tissue from abdominal wall is used) or Implants. Long-term outcomes are better with DIEAP Flap.

## When can patients undergo such reconstructive procedures?

Best results are achieved at the time of Breast Cancer Removal Surgery. But patients who have undergone mastectomy in the past, can undergo reconstructive procedure anytime.