Cancer Care Trust
DR. BRA INSTITUTE ROTARY CANCER HOSPITAL
ALL INDIA INSTITUTE OF MEDICAL SCIENCES
ANSARI NAGAR, NEW DELHI-110029

Dated:12 MARCH 2018

Ref. No:F.1/IRCH/MR/2017-2018

ESTIMATE CERTIFICATE

TO WHOM IT MAY CONCERN

This is to certify Mr. Tushar, Age 15 years, Male, S/o Mr. Tejpal, (IRCH No.210451/18) is a known case of Osteosarcoma-Left Femur is under treatment with Medical Oncology at DR. BRA IRCH, AIIMS since 21.02.2018.

The approximate cost for his treatment would be Rs. 2,00,000/- (In Words Rupees Two Lakh Only). The cheque/draft may be sent in favour of “DR. BRA IRCH, AIIMS, Ansari Nagar, New Delhi-29 (IRCH Patient Treatment Account)”


(COUNTER SIGNED BY M.S.)

Medical Superintendent

(CONSULTANT/ SENIOR RESIDENT)

(Handwritten Signature)
18F-FDG WHOLE BODY PET-CT STUDY

**Patient Name:** TUSHAR  
**Study ID:** FDGN/202452/19  
**UHID:** 103467944  
**Age/Sex:** 16 Y/M  
**Date:** 02.04.2019

**Indication:** Osteosarcoma left distal femur, Post NACT, Post resection and prosthesis replacement(11.09.2018), Adjuvant chemotherapy, For disease status.

**Procedure:** PET-CT acquisition was done 60 minutes after injection of 10 mCi 18F-FDG by intravenous route. From the level of orbits to mid-thigh. CT was done for attenuation correction and anatomical localization.

**PET-CT Findings:**

- **Head and Neck:** Normal physiological FDG distribution is seen in the head and neck region. Visualized paranasal sinuses, skull base, pharynx, larynx and thyroid do not show any abnormality on CT.

- **Thorax:** Multiple FDG avid parenchymal and subpleural calcified nodules noted in both lung fields. Calcified pleural thickenings noted along both pleura. Multiple FDG avid paratracheal, subcarinal, prevascular(measuring 3.5x2.7cm), paraesophageal, right peribronchial lymph nodes noted. Physiological FDG uptake is seen in the myocardium. No abnormal FDG uptake noted in the lungs, mediastinum and thoracic wall. Lungs, large airways, pleura, heart, great vessels and other mediastinal structures appear normal on CT.

- **Abdomen-Pelvis:** FDG avid dense calcified nodular lesion (1.2x1.0x2.2cm) noted in right suprarenal region. FDG avid calcified lymph nodes noted in left common iliac, left external iliac, inguinal and femoral lymph nodes noted. FDG distribution is noted in the liver, spleen, kidneys, gastrointestinal tract and urinary bladder. Liver, biliary ducts, gall bladder, spleen, kidneys, stomach, adrenals, pancreas, retroperitoneum, bowel and urinary bladder appear normal on CT. No ascites is noted.

- **Musculo-Skeletal System:** Multiple sclerotic lesions with increased FDG uptake noted in both clavicle, left scapula, both humerus, sternum, multiple bilateral ribs, multiple cervico-dorsolumbar vertebrae, sacrum, bilateral pelvic bones, head of both femora, distal end of right femur, proximal end of right tibia, proximal end of left tibia lateral to the prosthesis, head of left fibula. Dense periosteal reaction is associated with sclerotic lesions in right iliac bone, left acetabulum, and 8th, 10th and 11th ribs on right side. Prosthesis noted in left femur and tibia situ with no abnormal FDG uptake in relation to the prosthesis. Physiological FDG distribution is seen in the visualized axial and appendicular skeleton.

**IMPRESSION:**

- Metabolically active disease involving mediastinal, left external iliac, inguinal, & femoral lymph nodes, both lungs, both pleura, right adrenal and multiple skeletal sites- residual metastatic disease.
- No previous PET CT available for comparison.
1. नाम
B L B
2. पता
P.O. शाहीन बाग, अहमदाबाद
3. परिवार की संख्या
10
4. माता/पिता का नाम

<table>
<thead>
<tr>
<th>सं.</th>
<th>नाम</th>
<th>आयु</th>
<th>कारण के लिए निम्नलिखित कारक</th>
<th>कठोरता</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>हाँ</td>
<td>56</td>
<td>कार्यालय और स्कूल के लिए निम्नलिखित कारक</td>
<td>कठोरता</td>
</tr>
<tr>
<td>2</td>
<td>हाँ</td>
<td>57</td>
<td>कार्यालय और स्कूल के लिए निम्नलिखित कारक</td>
<td>कठोरता</td>
</tr>
<tr>
<td>3</td>
<td>हाँ</td>
<td>58</td>
<td>कार्यालय और स्कूल के लिए निम्नलिखित कारक</td>
<td>कठोरता</td>
</tr>
<tr>
<td>4</td>
<td>हाँ</td>
<td>59</td>
<td>कार्यालय और स्कूल के लिए निम्नलिखित कारक</td>
<td>कठोरता</td>
</tr>
<tr>
<td>5</td>
<td>हाँ</td>
<td>60</td>
<td>कार्यालय और स्कूल के लिए निम्नलिखित कारक</td>
<td>कठोरता</td>
</tr>
<tr>
<td>6</td>
<td>हाँ</td>
<td>61</td>
<td>कार्यालय और स्कूल के लिए निम्नलिखित कारक</td>
<td>कठोरता</td>
</tr>
<tr>
<td>7</td>
<td>हाँ</td>
<td>62</td>
<td>कार्यालय और स्कूल के लिए निम्नलिखित कारक</td>
<td>कठोरता</td>
</tr>
</tbody>
</table>