

28	
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Title	Evaluation and Analysis of Brown adipose tissue
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Category	Miscellaneous
Abstract	<p>This is a pilot study to investigate the prevalence and distribution of Brown Adipose Tissue (BAT) and correlate it with physiological, pathological parameters and compare the SUV (standard uptake values) to the with the Hounsefield units (attenuation values)and compare it to White adipose tissue using PET CT in our population in Chennai (south India).</p> <p>Materials and Methods: From a total of 2970 patients 70 had BAT. These 70 patients were categorised according to age, sex, BMI, diabetes and type of malignancy. The standard SUV value and CT correlation was done.</p> <p>Results: The results were statistically analysed and an attempt to find the cut-off values for SUV and attenuation done.</p> <p>Conclusion: BAT in our study was found to be commoner in female, below 40 years, in non-diabetics, in patients with lymphoma and carcinoma breast. The SUV values ranged between 7-10.</p>
Conflicts	None
Email	drlmkmdrd@gmail.com
Decision of Scientific committee	
State if accepted for oral	