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## Dementia and role of CT in our practice

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**Objectives:** To highlight the sensitivity of CT Scan Brain to exclude non cortical dementia. Although dementia is a clinical diagnosis, neuroimaging often is crucial for proper assessment. Magnetic resonance imaging (MRI) and computed tomography (CT) may identify nondegenerative and potentially treatable causes of dementia.

**Methods:** This study comprising of 100 patients of above 60 years age of either sex, presented with demanted behavior of short duration which only had CT Scan Imaging. They all successfully diagnosed and treated accordingly. The CT Scan imaging remain quite informative to exclude the cortical dementia. Cortical dementia is the global and acquired impairment of mental function and is a major health problem, particularly in the elderly. Its most

common forms with substantial imaging data are dementia of the Alzheimer's type (AD), frontotemporal dementia and Lewy body dementia. The most commonly used imaging modalities are magnetic resonance imaging and emission tomography in their various forms.

**Results:** Out of all 100 patients only four patients were not able to diagnosed the cause of dementia, which were treated as cortical dementia. Our findings favor the cortical dementia, which is not that common in our country?

**Conclusion:** Less expensive and frequently available around the country, CT Scan remain the choice of neuroimaging to diagnose, various cause of dementia and to exclude common cortical demontic causes.

## Biography

Umair Rashid is the Chief Consultant Neuroradiologist & Head Department of Neuroradiology at Punjab Institute of Neuro Sciences, LGH, Lahore – Pakistan. He has more than 15 years of expertise in Transcranial Doppler. He established the 1st stroke center in Pakistan. He is the President of Neuro Radiology Society, Pakistan. He has over 50 Publication in national & international journals as first author related to neuroradiology and 70 papers presented national & international conferences.

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