

# SESSION 1: IMPROVING QUALITY of LIFE

## PANEL 1.1B: Human Health



Jun HATAZAWA  
Japan

### **Professor and Chairman, Osaka University Graduate School of Medicine**

Jun Hatazawa is Professor and Chair of Nuclear Medicine and Tracer Kinetics at Osaka University Graduate School of Medicine and current President of Asia Oceania Federation of Nuclear Medicine and Biology; he is engaged in the “Atoms for Medicine” project where nuclear energy is used for diagnostic imaging and targeted radionuclide therapy of cancer





# Nuclear medicine: Molecular medicine - a unique tool for diagnosis and therapy of diseases (Pt I)

**Professor Jun Hatazawa**

IAEA Ministerial Conference on Nuclear Science  
and Technology,  
28-30 November 2018, Vienna, Austria

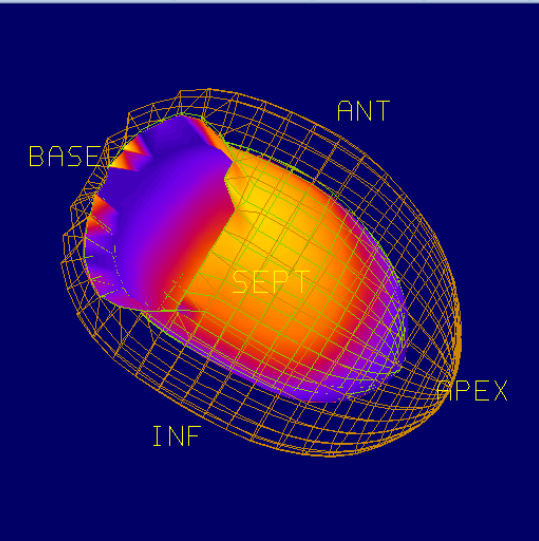
# Myocardial Perfusion Imaging

Exit Process Reset Center Manual Print Slices Splash Surfaces Splash3D Results

Add Doshiro Fumi 07741154 01-50601 Gate\_Rest 2001.02.22

Destination: ColorPoint\_rgb

Label Box ED Cine Spin Surface Both Interval 1 Scale 1.0 Rate 20



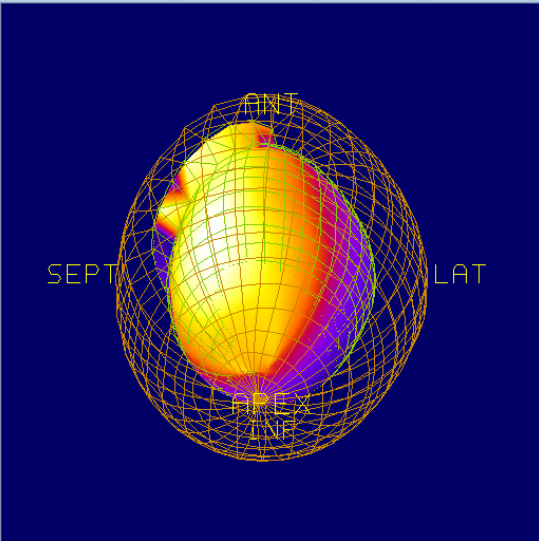
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Pat ID	07741154 01-50601
Sex	FEMALE
Study	Gate_Rest
Dataset	Gate_Res-r
Date	2001.02.22
Matrix	64x64
Slices	45
Intervals	10
Mm/Vox	3.20
Counts	713
Isotope	99mTc-TETO
Volume	99ml [1]
Mean	83ml
EDV	102ml [10]
ESV	66ml [5]
SV	36ml
EF	35%

ANT LAT INF SEPT APEX BASE LAO RAO ECHO

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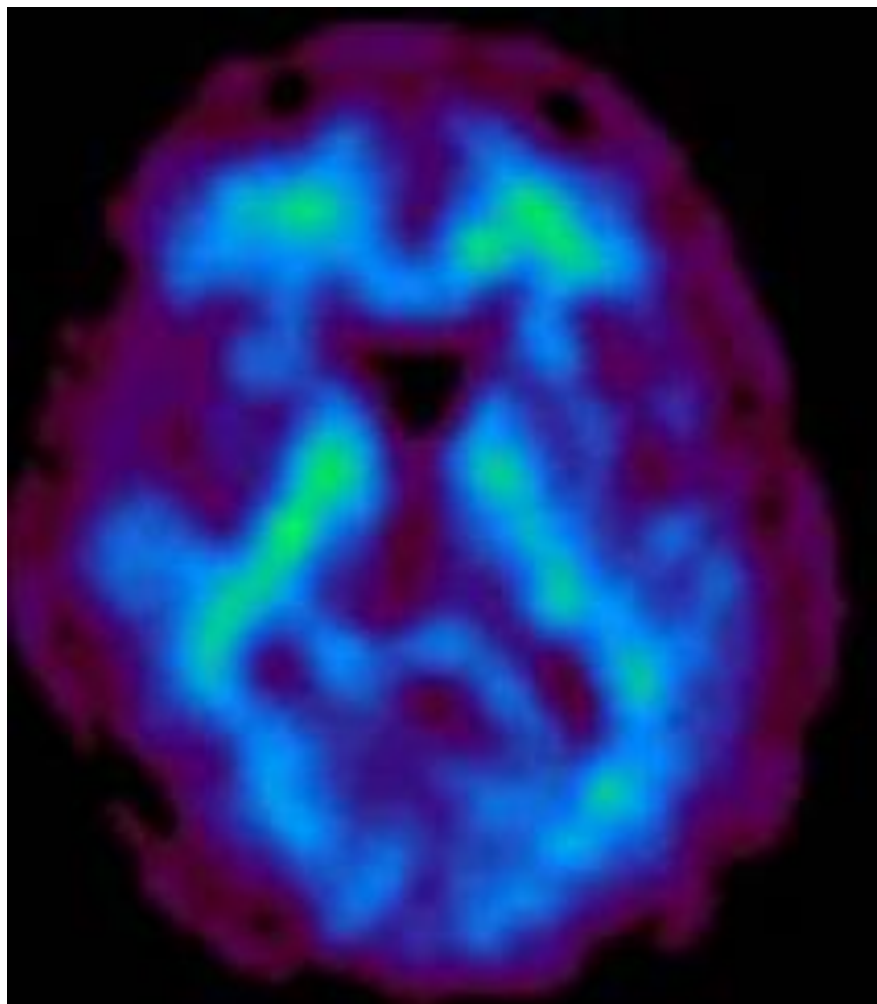
Label Box ED Cine Spin Surface Both Interval 1 Scale 1.0 Rate 20



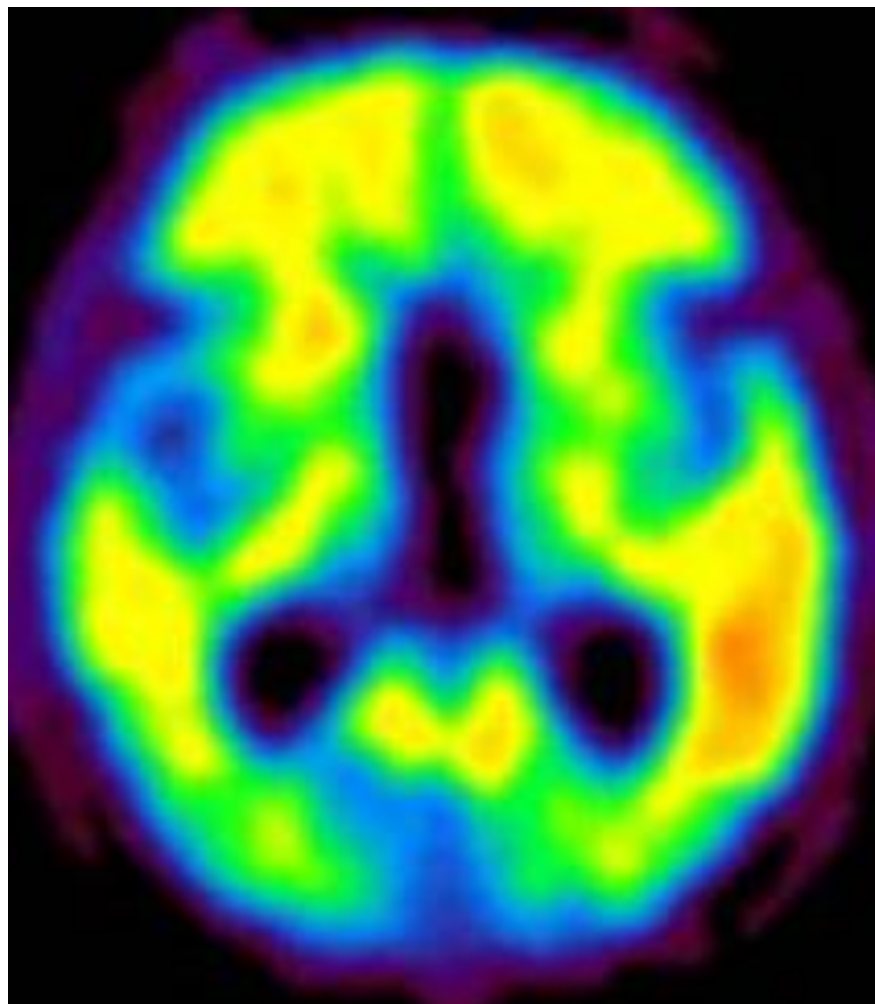
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# Amyloid Deposition in Brain



Normal



Patient with Alzheimer's disease

# Cancer Detection by Hybrid Imaging

