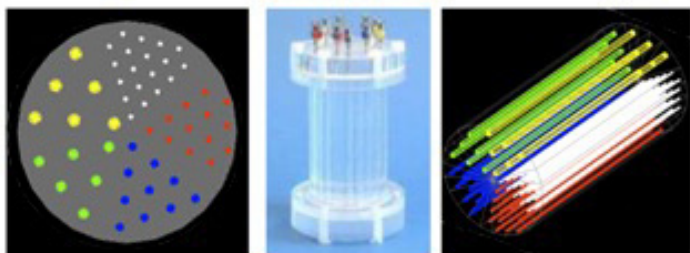
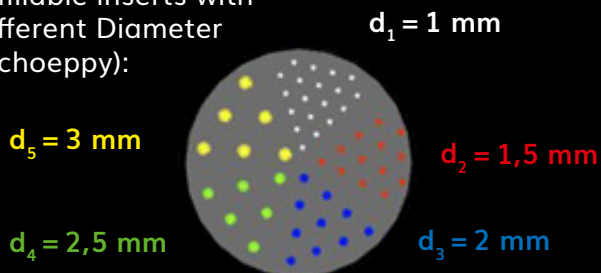


NeuroLF®

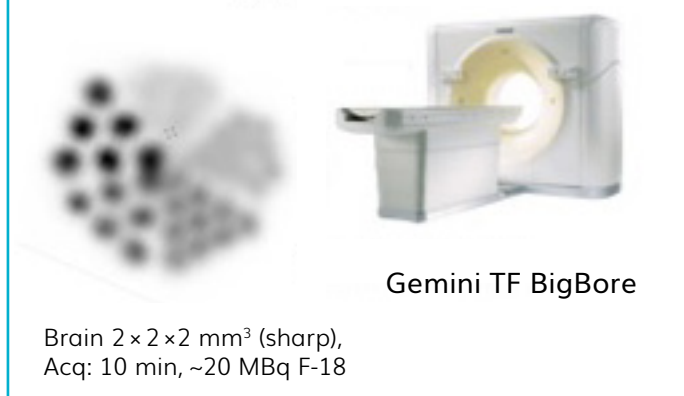
Comparison of the NeuroLF® system with conventional PET/CT devices



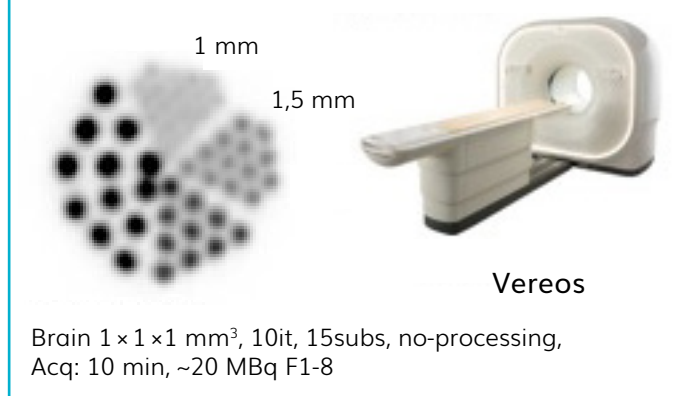
5 fillable inserts with different Diameter (Schoepfy):



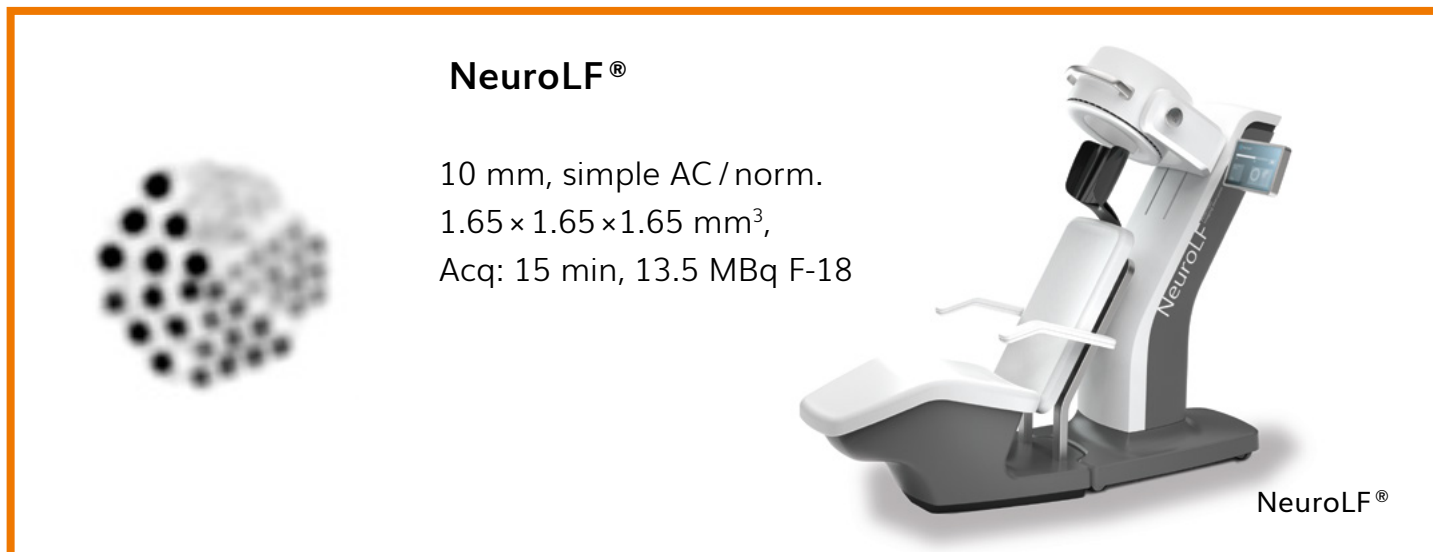
PMT PET



Digital PET



NeuroLF®

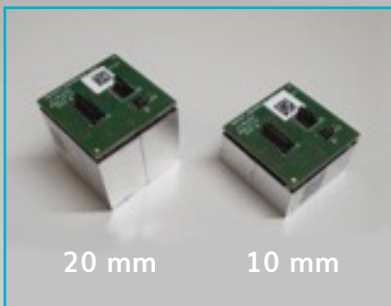


Preliminary Performance Data



POSITRIGO
IMAGING EVERYONE

NEMA NU2-2018 Spatial Resolution



Source nuclide: Na22
 Source dimension: < 1 mm in each direction
 Source activity: 0.7 MBq
 FBP Methodology: STIR FBP2D



NeuroLF – 10 mm		FWHM / mm, FBP			
Point source radial pos. / mm	Line profile	Axial center	3/8 of axial FoV	Axial Average	
10	radial	2.1	2.3	2.2	
	tangential	3.6	3.5	3.5	
	axial	3.2	1.9	2.5	
} 2.7					
100	radial	2.9	2.7	2.8	
	tangential	4.3	4.7	3.4	
	axial	3.1	3.3	3.2	
} 3.5					

NeuroLF – 20 mm		FWHM / mm, FBP			
Point source radial pos. / mm	Line profile	Axial center	3/8 of axial FoV	Axial Average	
10	radial	3.1	3.0	3.1	
	tangential	3.7	3.8	3.8	
	axial	1.7	2.9	2.3	
} 3.1					
100	radial	2.9	3.8	3.3	
	tangential	4.5	4.3	4.4	
	axial	3.3	3.3	3.3	
} 3.7					