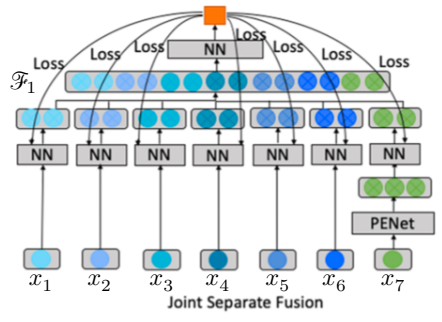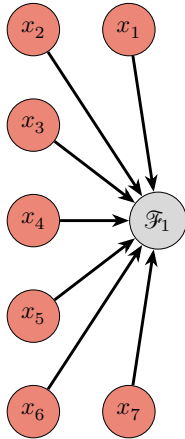# 39 Multimodal fusion with deep neural networks for leveraging CT imaging and electronic health record: a case-study in pulmonary embolism detection [39]

Model Architecture

Fusion Formulas
$\mathscr{F}_1 = \oplus\left(x_1^x, x_2^x, x_3^x, x_4^x, x_5^x, x_6^x, x_7^x\right)_{\rightarrow}$

Fusion Graph Representation		Fusion Analysis	
		How Many: Single or Multiple?	Single, 1
		Number of Fusion Flows	1
		Multiple Type Sudden, Gradual or Multi-Flow?	Sudden
		|Sudden| Synchro?	Yes