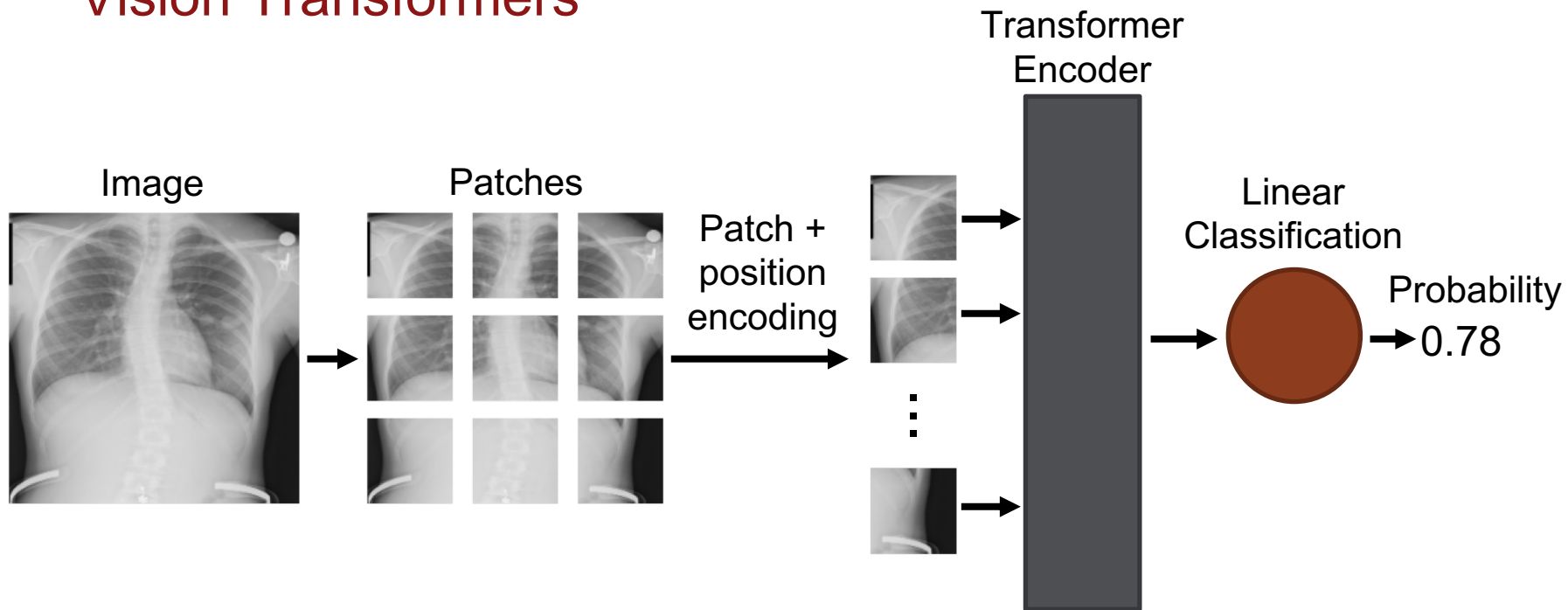


# Lung Disease Classification using Vision Transformers

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# Vision Transformers



Alexey Dosovitskiy, et al. "[An Image is Worth 16x16 Words: Transformers for Image Recognition at Scale.](#)"  
Khalid Salama. "[Image classification with Vision Transformer](#)"

# Results

Dataset	Number of classes	Accuracy
CIFAR-10	10	83%

# Dataset

No effusion



Effusion



Jie Lian et al., "[ChestX-Det Dataset](#)"

# Results

Dataset	Number of classes	Accuracy
CIFAR-10	10	83%
ChestX-Det	2	73%

For ChestX-Det

- Random Guessing: 50%
- Majority Class: 54%