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Institute of Medical Technology and Intelligent Systems

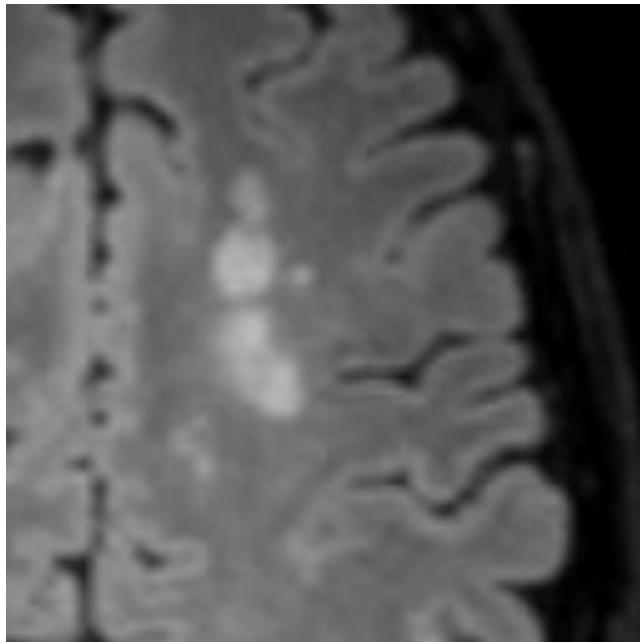
4D Deep Learning for Multiple Sclerosis Lesion Activity Segmentation

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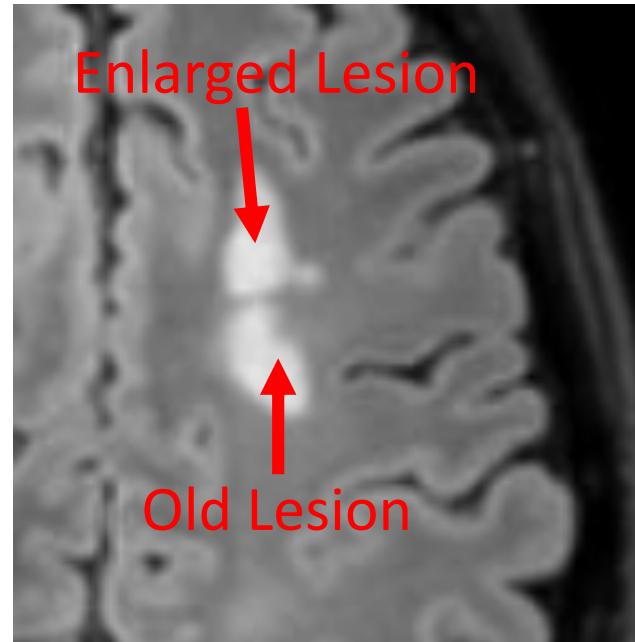
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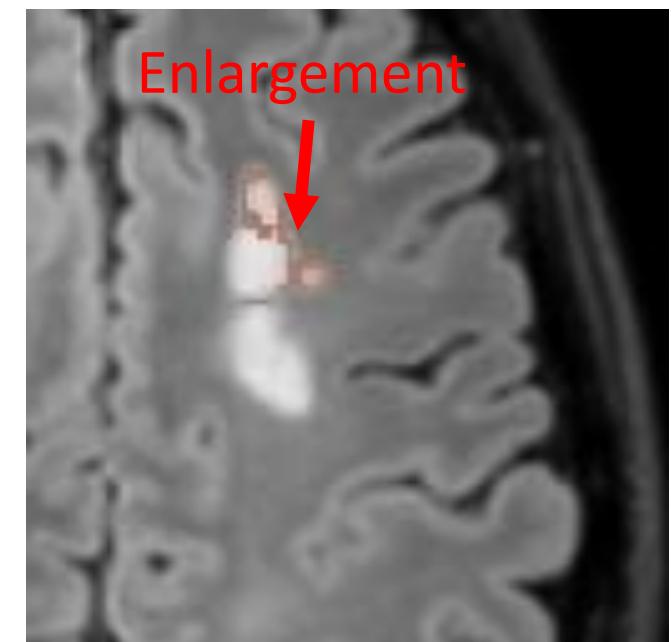
Lesion Activity Segmentation



Baseline MRI Scan

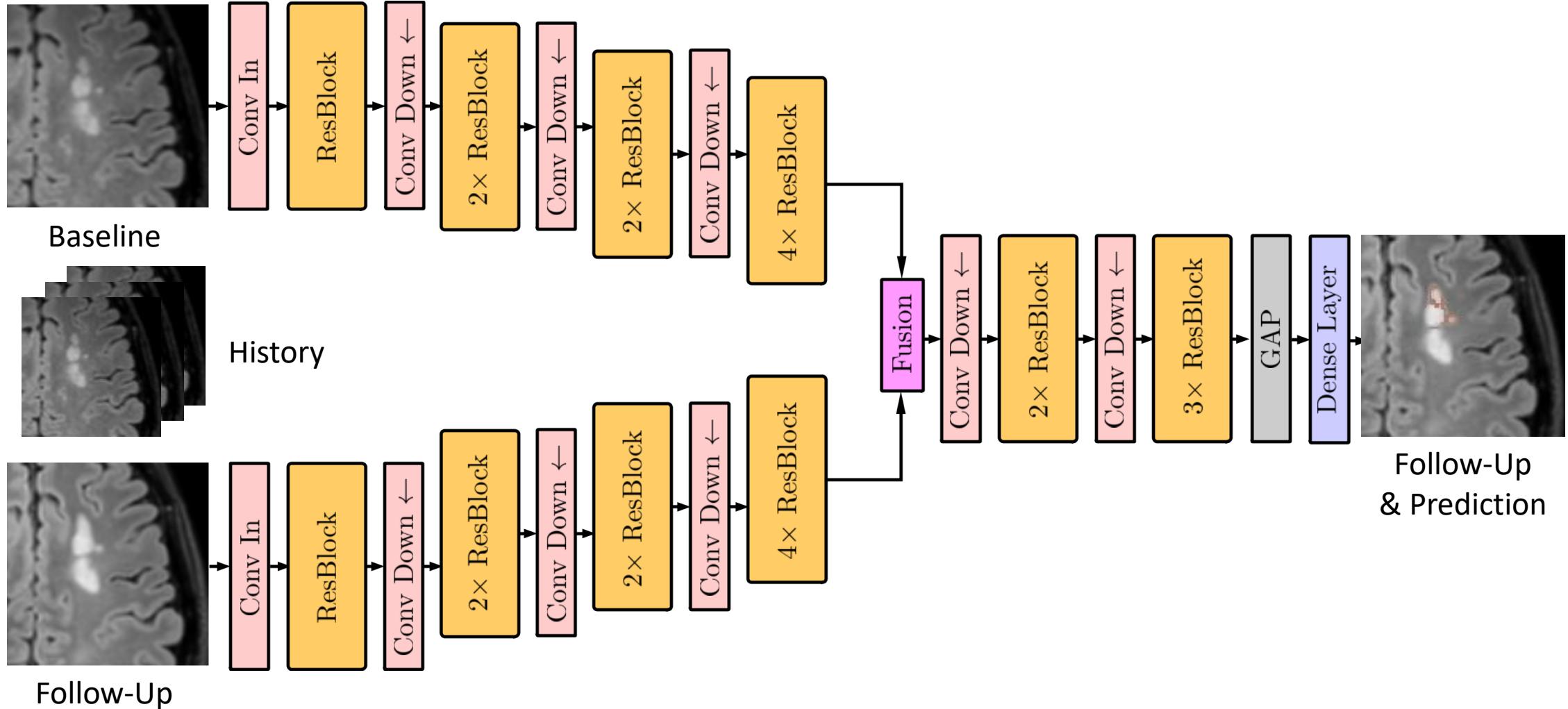


Follow-up MRI Scan

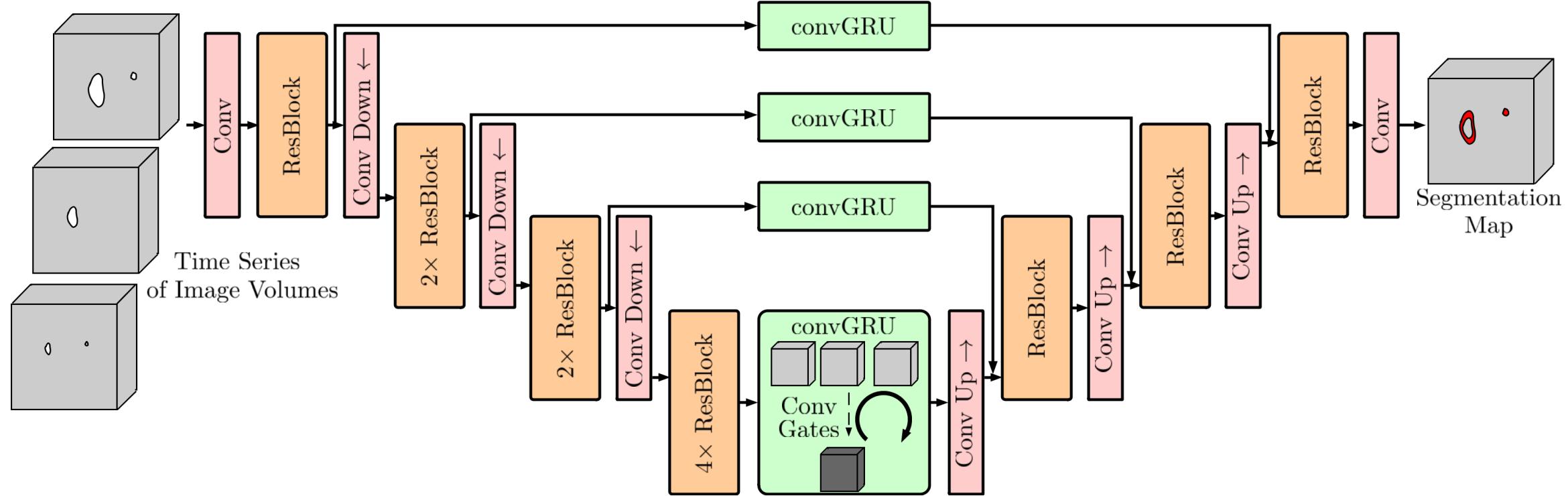


Lesion Activity

Two-Path 3D Encoder-Decoder



Encoder-convGRU-Decoder



Results and Discussion

