Notes ISMI meeting with Nikita 26-04

Resize to same dimensions to medians of the axes.
Sample most patches to contain pancreas
Store patches on disk and load them with generator.
Implement caching otherwise speed terrible.
Resampling for good result.

Resolution z dimension is not the same, because of resizing.
Make small patches in z direction to make use of high resolution in x, y plane.
Z different. X, y same.
512 is possible but difficult (deepmind did it but not available online). Take 3D U-net smaller patches.

30% of patches should contain non background noise.

Generate bouding boxes for pancreas and cancer around pancreas and say that 30% of the patches should have its center in bounding box.

Predictions on patches

Reconstruct from patches to images for predictions. How?

We should contact the teacher about

For 10th May. Patches and Network should be working
Meet at 10:00 with Nikita on 10th May and meet with group at 9:00