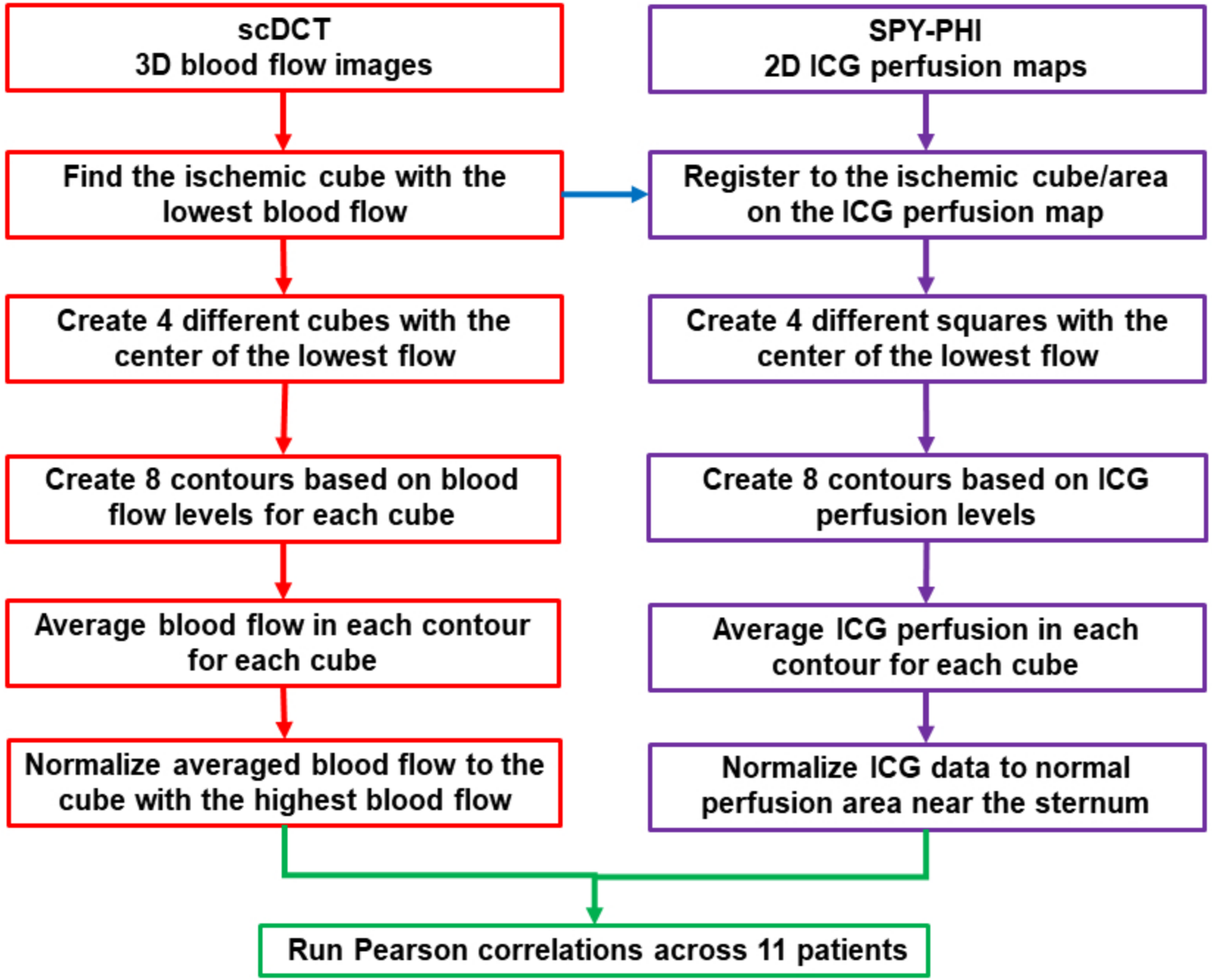
scDCT
3D blood flow images
SPY-PHI
2D ICG perfusion maps
Find the ischemic cube with the lowest blood flow
Register to the ischemic cube/area on the ICG perfusion map
Create 4 different cubes with the center of the lowest flow
Create 4 different squares with the center of the lowest flow
Create 8 contours based on blood flow levels for each cube
Create 8 contours based on ICG perfusion levels
Average blood flow in each contour for each cube
Average ICG perfusion in each contour for each cube
Normalize averaged blood flow to the cube with the highest blood flow
Normalize ICG data to normal perfusion area near the sternum
Run Pearson correlations across 11 patients