

LIST OF TABLES

Table 2.1: CT images at t=0.1 & t=0.6 seconds	47
Table 2.2: Working database through all anatomical planes from t=0.1 to 0.6 seconds.....	48
Table 3.1: All three anatomical viewpoints for all the 10 subjects at time t=0.1 & 0.6 seconds.....	62
Table 3.2: Target registration error comparison through all APs for all subjects (*proposed method)	72
Table 4.1: Working database through all anatomical planes from t=0.1 to 0.6 seconds.....	86
Table 4.2: Average translations (in pixels) for all 10 test subjects through Axial AP	99
Table 4.3: Average translations (in pixels) for all 10 test subjects through Coronal AP	100
Table 4.4: Average translations (in pixels) for all test 10 subjects through Sagittal AP	100
Table 5.1: All three anatomical viewpoints for all the 10 subjects at time t=0.1 & 0.6 seconds.....	114
Table 5.2: SNR, pSNR, m-SSIM, NCC for all subjects under study from all APs; S-T is the source-target pair, R-T is registered-target pair for proposed method	122