Supplementary Table 1: Attenuation outside (ROI 1) and inside (ROI 2) the Stent for the different reconstructions of SPCCT and DLCT.

|  |  |  |
| --- | --- | --- |
| **Reconstruction** | **ROI 1**  | **ROI 2** |
|   | **SPCCT** | **DLCT** | **SPCCT** | **DLCT** |
| **PolyE** | 399.83±6.02 | 547.32±15.51 | 449.90±57.93 | 616.52±41.93 |
| **MonoE 40** | 775.44±24.54 | 1428.76±52.38 | 842.75±50.41 | 1523.54±68.00 |
| **MonoE 60** | 407.14±4.28 | 624.32±13.75 | 467.62±65.52 | 768.71±219.85 |
| **MonoE 90** | 226.73±15.58 | 257.62±18.23 | 280.91±68.04 | 429.48±296.74 |
| **MonoE 120** | 181.12±15.82 | 146.92±22.65 | 230.01±79.27 | 325.42±320.86 |

SPCCT: spectral photon counting computed tomography; DLCT: dual-layer computed tomography