

| Table S4: Clinical and demographic variables of the patients by presence of serum urea nitrogen (SUN) variable | | |
|--|--------------|--------------|
| | SUN | No SUN |
| n (Row %) | 2858 (78.9) | 764 (21.1) |
| Age (years) | 53.1 (13.2) | 57.3 (11.9) |
| Female n (%) | 1225 (42.9) | 316 (41.4) |
| Black n (%) | 62 (2.2) | 10 (1.3) |
| Height (cm) | 172.2 (10.3) | 171.7 (10.7) |
| Weight (kg) | 83.4 (19.8) | 85.1 (21.4) |
| BSA (m ²) | 1.96 (0.25) | 1.97 (0.27) |
| BMI (kg/m ²) | 28.0 (5.9) | 28.7 (6.1) |
| SCr (mg/dl) | 1.52 (0.66) | 1.38 (0.54) |
| GFR (ml/min/1.73 m ²) | 54.9 (23.0) | 55.6 (21.4) |
| Diabetes n (%) | 563 (19.7) | 170 (22.3) |
| Study n (%) | | |
| Mayo | 1164 (40.8) | 760 (99.4) |
| Groningen | 953 (33.3) | 0 (0.0) |
| Baylor | 686 (24.0) | 0 (0.0) |
| Lund | 43 (1.5) | 1(0.1) |
| CCFP | 12 (0.4) | 3 (0.4) |
| Organ n(%) | | |
| Kidney | 1660 (58.1) | 245 (32.1) |
| Liver | 795 (27.8) | 456 (59.7) |
| Heart | 134 (4.7) | 13 (1.7) |
| Lung | 106 (3.7) | 4 (0.5) |
| Pancreas | 21 (0.7) | 5 (0.7) |
| Multiple Organs | 142 (5.0) | 41 (5.4) |
| Marker n(%) | | |
| Iothalamate | 2816 (98.5) | 762 (99.7) |
| Iohexol | 42 (1.5) | 2 (0.3) |
| Data shown as mean (SD) or n (column %) as appropriate. P values for all the comparisons between SUN and No SUN group were significant (p<0.001) | | |