

### Supplementary File 1. Keywords in Pubmed Database

#### Keywords for chlorthalidone and cardiovascular:

((Chlorthalidone[MeSH Terms]) OR (Chlorthalidone[Title/Abstract])) OR  
(Chlorphthalidolone[Title/Abstract]) OR (Phthalamudine[Title/Abstract]) OR (Oxodoline[Title/Abstract]) OR  
(Hygroton[Title/Abstract]) OR (Thalitone[Title/Abstract])

AND

("Cardiovascular System"[MeSH Terms]) OR (Cardiovascular System[Title/Abstract]) OR  
("Cardiovascular System"[Title/Abstract]) OR (Circulatory System[Title/Abstract]) OR ("Circulatory  
System"[Title/Abstract]).

#### Keywords for chlorthalidone and renal diseases

("Chlorthalidone"[MeSH Terms] OR "Chlorthalidone"[Title/Abstract] OR  
"Chlorphthalidolone"[Title/Abstract] OR "Phthalamudine"[Title/Abstract] OR "Oxodoline"[Title/Abstract] OR  
"Hygroton"[Title/Abstract] OR "Thalitone"[Title/Abstract]) AND ("clinical trial"[Publication Type] OR  
"randomized controlled trial"[Publication Type])

AND

("renal failure, chronic"[MeSH Terms] OR "chronic renal failure"[Title/Abstract] OR "end stage renal  
disease"[Title/Abstract] OR "end stage renal disease"[Title/Abstract] OR "end stage renal  
disease"[Title/Abstract] OR "end stage renal failure"[Title/Abstract] OR "chronic renal failure"[Title/Abstract]  
OR "ESRD"[Title/Abstract] OR ("ESKD"[Title/Abstract] OR "ESRD"[Title/Abstract] OR  
"ESKF"[Title/Abstract] OR "ESRF"[Title/Abstract]) OR "renal dialysis"[MeSH Terms] OR "renal  
dialysis"[Title/Abstract] OR ("haemodialysis"[Title/Abstract] OR "haemodialysis"[Title/Abstract])).