Supplement Table 1. List of medication codes

| Medication | Korean Drug and Anatomical Therapeutic Chemical Codes |
| :---: | :---: |
| ACEI | 104201 ATB, $104202 \mathrm{ATB}, 114701 \mathrm{ATB}$, 122901ATB, 122902 ATB , |
|  | 122903 ATB , 133001 ATB, 133002 ATB , 133003ATB, 140901 ATB, |
|  | 151601 ATB, $151602 \mathrm{ATB}, 151603 \mathrm{ATB}$, 163501 ATB, 163502 ATB , |
|  | 173401 ATB, 173402 ATB, 173403 ATB, 184501 ATB, 196801 ATB, |
|  | 196802 ATB, 211301 ATB, 211302 ATB, 221901 ATB, 222401 ACH, |
|  | 222401 ATB, $222402 \mathrm{ACH}, 222402 \mathrm{ATB}, 222404 \mathrm{ATB}, 235002 \mathrm{ATB}$, |
|  | 262200 ATB , 262300 ATB , 440300 ATB , 447100 ATB , 447200 ACH , |
|  | 447200 ATB , 448600ATB, 448700ATB, 453600ATB, 453700ATB, |
|  | 499200 ATB , 499300ATB, 501601 ATB , 501602 ATB , 510401 ATB , |
|  | 510402 ATB , 510403ATB, 556200ATB |
| ARB | 122601 ATB, $122602 \mathrm{ATB}, 122603 \mathrm{ATB}, 122604 \mathrm{ATB}, 177301 \mathrm{ATB}$, 177303 ATB , |
|  | 185701 ATB, $85702 \mathrm{ATB}, 247101 \mathrm{ATB}, 247102 \mathrm{ATB}, 247103 \mathrm{ATB}, 247104 \mathrm{ATB}$, |
|  | 262500 ATB,356400ATB,378801ATB,378802ATB,378900ATB,385700ATBS, |
|  | $385800 \mathrm{ATB}, 423700 \mathrm{ATB}, 429201 \mathrm{ATB}, 442600 \mathrm{ATB}, 443200 \mathrm{ATB}, 443300 \mathrm{ATB}$, |
|  | $460500 \mathrm{ATB}, 468501$ ATB, $468502 \mathrm{ATB}, 468503 \mathrm{ATB}$,486900ATB,492800ATB, |
|  | $492900 \mathrm{ATB}, 495800 \mathrm{ATB}, 500500 \mathrm{ATB}, 500600 \mathrm{ATB}, 502600 \mathrm{ATB}$, 502700 ATB , |
|  | 503000 ATB,509200ATB,511500ATB,511600ATB,511700ATB,513600ATB, |

513900ATB,515201ATB,515202ATB,515203ATB,519700ATB,519800ATB, 519900ATB,520000ATB,520100ATB,520901ATB,520902ATB,521200ATB, 521300ATB,521400ATB,522000ATB,522200ATB,522300ATB,522400ATB, $522600 \mathrm{ATB}, 522700 \mathrm{ATB}, 522800 \mathrm{ATB}, 522900 \mathrm{ATB}, 523000 \mathrm{ATB}, 523100 \mathrm{ATB}$, $523200 \mathrm{ATB}, 523300 \mathrm{ATB}, 523400 \mathrm{ATB}, 524000 \mathrm{ATB}, 524100 \mathrm{ATB}, 525000 \mathrm{ATB}$, 525100ATB,525200ATB,525300ATB,526300ATB,526400ATB,526500ATB, 526800ATB,526900ATB,527000ATB,527100ATB,547500ATB,547600ATB, $547700 \mathrm{ATB}, 547800 \mathrm{ATB}, 547900 \mathrm{ATB}, 548000 \mathrm{ATB}, 553800 \mathrm{ATB}, 556100 \mathrm{ATB}$, 582200ATB,582400ATB,629400ATB,629500ATB,629600ATB,629700ATB, 629800ATB,629900ATB,630000ATB,630100ATB,630200ATB,631300ATB, 631600ATB,631700ATB,632800ATB,632900ATB,633000ATB,634900ATB, 635000ATB,635100ATB,635200ATB,637400ATB,637500ATB,637600ATB, 644100ATB,644200ATB,644800ATB,651401ATB,651402ATB,651403ATB 107601 ATB, 107601 ATD,107602ATB,107602ATD, $114001 \mathrm{ACH}, 114002 \mathrm{ACH}$, $114003 \mathrm{ACH}, 115101 \mathrm{ATB}, 115102 \mathrm{ATB}, 115103 \mathrm{ATB}, 115104 \mathrm{ATB}, 133101 \mathrm{ATB}$, 133102ATB,145701ACR,145703ACR,145704BIJ,145706ATB,145707ACR, 145707ATB,145707ATR,157501ATR,157502ATR,157503ATR,178902ACR, $180301 \mathrm{ATB}, 180302 \mathrm{ATB}, 180303 \mathrm{ATB}, 182001 \mathrm{ATB}, 182002 \mathrm{ATB}, 188001 \mathrm{ATB}$, $188002 \mathrm{ATB}, 188003 \mathrm{ATB}, 201001 \mathrm{ATB}, 201002 \mathrm{ACR}, 201002 \mathrm{ATB}, 201003 \mathrm{ACR}$,

201004BIJ,201030BIJ,201031BIJ,201401ACS,201401ATB,201405ATR,
201407ACS,201409ATR,201702ATB,201901ATB,201902BIJ,201930BIJ, 202402ACS,247603ATR,247605ATR,247606ATB,247607ATB,247630BIJ, 262400ATR,356201ATB,356202ATB,356202ATR,356203ATR,441201ATB, $441202 \mathrm{ATB}, 447100 \mathrm{ATB}, 447200 \mathrm{ACH}, 447200 \mathrm{ATB}, 459801 \mathrm{ACH}, 459801 \mathrm{ATB}$, $459802 \mathrm{ACH}, 459901 \mathrm{ATB}, 464601 \mathrm{ATB}, 470801 \mathrm{ATB}, 470802 \mathrm{ATB}, 472300 \mathrm{ATB}$, 472400ATB,472500ATB,476201ATB,479701ATB,483201ATB,483202ATB, 486501 ATB, 486502 ATB, 492800 ATB, 492900 ATB, $495800 \mathrm{ATB}, 495901 \mathrm{ATB}$, 500500ATB,500600ATB,501801ATB,502700ATB,503000ATB,511500ATB, 511600ATB,511700ATB,513900ATB,518900ATB,519700ATB,519800ATB, 519900ATB,520000ATB,520100ATB,521200ATB,521300ATB,521400ATB, 522200ATB,522300ATB,522400ATB,522600ATB,522700ATB,522800ATB, $522900 \mathrm{ATB}, 523000 \mathrm{ATB}, 523100 \mathrm{ATB}, 523200 \mathrm{ATB}, 523300 \mathrm{ATB}, 523400 \mathrm{ATB}$, 528201 ATR,528202ATR,547500ATB,547600ATB,547700ATB,547800ATB, 547900ATB,548000ATB,582200ATB,582400ATB,614500ATB,629400ATB, 629500ATB,629600ATB,631300ATB,632800ATB,632900ATB,633000ATB, 637400ATB,637500ATB,637600ATB,644800ATB

111501 ATB,111502ATB,111503ATB,111504ATB,162401ACH,162402ACH,
162403 ATR, 185801 ATB, 216601 ATB, 216602 ATB, 216603 ATB, 216604 ATB ,

227801ATB,227801ATR,227802ATB,227803ATB,227805ATB,227806ATB, 454001 ATB, 454002 ATB, 454003 ATB, 470901 ATB, 470902 ATB, 470903 ATB , 471000ATB,471100ATB,472300ATB,472400ATB,472500ATB,502201ATB, 502202ATB,502203ATB,502204ATB,507800ATB,518900ATB,519300ACH, $524000 \mathrm{ATB}, 524100 \mathrm{ATB}, 525000 \mathrm{ATB}, 525100 \mathrm{ATB}, 525200 \mathrm{ATB}, 525300 \mathrm{ATB}$, 526300ATB,526400ATB,526500ATB,526900ATB,527000ATB,527100ATB, 553700ATB,614500ATB,629700ATB,629800ATB,629900ATB,630000ATB, 630100ATB,630200ATB,631400ATB,631500ATB,631600ATB,631700ATB, 633800ATB,633900ATB,634600ATB,634800ATB,634900ATB,635000ATB, 635100ATB,635200ATB,640700ATB,640800ATB,640900ATB,644100ATB, 644200ATB,653200ATB,654600ATB,661800ATB,661900ATB,662000ATB, 662100ATB,663400ACS,663900ATB,664000ATB,664100ATB,664200ATB, 664300ATB,664400ATB,664600ATB,664700ATB,664800ATB,671200ATB, 671300ATB,671400ATB,671500ATB,671600ATB,671700ATB,671800ATR, 671900ATR,672000ATR,672100ATR,672500ATR,672600ATR,672700ATR, 672800ATR,672900ATR,673000ATR $110701 \mathrm{ATB}, 110701 \mathrm{ATE}, 110702 \mathrm{ATB}, 110704 \mathrm{ATB}, 110705 \mathrm{ACE}, 110706 \mathrm{ATB}$, 110801 ATB, $110802 \mathrm{ATB}, 111001 \mathrm{ACE}, 111001 \mathrm{ATB}, 111001 \mathrm{ATE}, 111002 \mathrm{ATE}$, $111003 \mathrm{ACE}, 111003 \mathrm{ATE}, 256800 \mathrm{ATB}, 259100 \mathrm{ACH}, 394500 \mathrm{ATB}, 489700 \mathrm{ACR}$,

517900ACE,517900ACH,C75000ATB,C75100ATB,D39300ATB,

## D87600ATE

| Clopidogrel | 136901 ATB, $495201 \mathrm{ATB}, 517900 \mathrm{ACE}, 517900 \mathrm{ACH}$ |
| :---: | :---: |
| Ticagrelor or prasugrel | 597301 ATB ,597302ATB,615901ATB,615902ATB |
|  | 249103 ATB, 249105 ATB,511401ATB,511402ATB,511403ATB,511404ATB, 6 |
| Anticoagulant | $13701 \mathrm{ACH}, 613702 \mathrm{ACH}, 617001 \mathrm{ATB}, 617002 \mathrm{ATB}$,643601ATB,643602ATB,6 |
|  | 43603ATB |
|  | $100801 \mathrm{ACH}, 107901 \mathrm{ATB}, 107902 \mathrm{ATB}, 110201 \mathrm{ATB}, 110202 \mathrm{ATB}, 111401 \mathrm{ATB}$, |
|  | 111402 ATB, 111403 ATB, 116801 ATB, 116803 ATB, 117001 ATB, 117002 ATB , |
|  | 117901 ATB, 117902ATB, 117903ATB, 117904ATB, 124801 ATB, 125001 ATB, |
|  | $125002 \mathrm{ATB}, 125003 \mathrm{ATB}, 125004 \mathrm{ACR}, 125005 \mathrm{ATB}, 125006 \mathrm{ACR}, 125007 \mathrm{ACR}$, |
| Beta-blocker | 125008ACR,129101ATB,154401BIJ,154430BIJ,154431BIJ,180201BIJ, |
|  | 180202BIJ,180230BIJ,180231BIJ,193802ATB,194003ATR,194004ATR, |
|  | 219901ATB,219902BIJ,219903ATB,219904ATB,219905ACR,219906ACR, |
|  | $262100 A T B, 262400 A T R, 262600 A T B, 460200 A T B, 469800 A T B, 469900 A T B$, |
|  | 470000ATB,483101ATB,483102ATB,489501ATB,489502ATB |
| Spironolactone | 231101 ATB, 231102ATB,262700ATB |

Abbreviations: ACEI, angiotensin-converting enzyme inhibitor; ARB, angiotensin receptor II blocker.

