STS Combination Procedure Codes

Several procedures listed in the primary procedure difficulty rankings are actually combinations of 2 or more procedures. Because the complexity of the combination is regarded as being different from the complexity of the component procedures when performed in isolation, it is important to code these procedures using the combination code rather than coding each component separately.

A combination procedure should be coded when an operation includes the following component procedures:

- **2110 - ASD Repair, Patch + PAPCV Repair**
  30 - ASD repair, Patch
  and 260 - PAPVC repair

- **2220 - Truncus + IAA Repair**
  230 - Truncus arteriosus repair
  and 1320 - Interrupted aortic arch repair

- **2130 - Superior Cavopulmonary anastomosis(es) + PA reconstruction**
  1670 - Bidirectional cavopulmonary anastomosis (BDCPA) (Bidirectional Glenn)
  or 1680 - Glenn (Unidirectional cavopulmonary anastomosis) (Unidirectional Glenn)
  or 1690 - Bilateral bidirectional cavopulmonary anastomosis (BBDCPA) (Bilateral bidirectional Glenn)
  and
  540 - PA, reconstruction (plasty), Branch, Central (within the hilar bifurcation)
  or 550 - PA, Reconstruction (Plasty), Branch, Peripheral (At or beyond the hilar bifurcation)
  or 560 - PA, Reconstruction (Plasty), NOS

- **1120 - Arterial switch operation (ASO) and VSD repair**
  1110 - Arterial switch operation (ASO)
  and
  100 - VSD repair, Primary closure
  or 110 - VSD repair, Patch
  or 120 - VSD repair, Device
  or 130 - VSD, Multiple, Repair
  or 160 - VSD, Repair, NOS

- **1123 - Arterial switch procedure + Aortic arch repair**
  1110 - Arterial switch operation (ASO)
  and
  1280 - Aortic arch repair

- **1275 - Coarctation repair + VSD repair**
  1210 - Coarctation repair, End to end
  or 1220 - Coarctation repair, End to end, Extended
  or 1230 - Coarctation repair, Subclavian flap
  or 1240 - Coarctation repair, Patch aortoplasty
  or 1250 - Coarctation repair, Interposition graft
  or 1260 - Coarctation repair, other
  or 1270 - Coarctation repair, NOS
and
100 - VSD repair, Primary closure
or 110 - VSD repair, Patch
or 120 - VSD repair, Device
or 130 - VSD, Multiple, Repair
or 160 - VSD, Repair, NOS

• **1285 - Aortic arch repair + VSD repair**
  1280 - Aortic arch repair
  and
  100 - VSD repair, Primary closure
  or 110 - VSD repair, Patch
  or 120 - VSD repair, Device
  or 130 - VSD, Multiple, Repair
  or 160 - VSD, Repair, NOS

• **1125 - Arterial switch procedure and VSD repair + Aortic arch repair**
  1110 - Arterial switch operation (ASO)
  and
  100 - VSD repair, Primary closure
  or 110 - VSD repair, Patch
  or 120 - VSD repair, Device
  or 130 - VSD, Multiple, Repair
  or 160 - VSD, Repair, NOS
  and
  1280 - Aortic arch repair

**OR**
  1120 (Arterial switch operation (ASO) and VSD repair
  and
  1280 - Aortic arch repair

**OR**
  1123 - Arterial switch procedure + Aortic arch repair
  and
  100 - VSD repair, Primary closure
  or 110 - VSD repair, Patch
  or 120 - VSD repair, Device
  or 130 - VSD, Multiple, Repair
  or 160 - VSD, Repair, NOS

**OR**
  1285 - Aortic arch repair + VSD repair
  and
  1110 - Arterial switch operation (ASO)