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| ***Supplemental Table 1a - ICD-9 and ICD-10 Codes for Open Valve Surgeries*** | | | | |
| **ICD-10** |  | | |  |
| **Open Aortic Valve Replacement** | | | |  |
| 02R.F07Z | Replacement of Aortic Valve with Autologous Tissue Substitute, Open Approach | | |  |
| 02R.F08Z | Replacement of Aortic Valve with Zooplastic Tissue, Open Approach | | | |
| 02R.F0JZ | Replacement of Aortic Valve with Synthetic Substitute, Open Approach | | | |
| 02R.F0KZ | Replacement of Aortic Valve with Nonautologous Tissue Substitute, Open Approach | | | |
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| **Open Aortic Valve Repair** | | | |  |
| 02Q.F0ZZ | Repair Aortic Valve, Open Approach | | | |
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| **Open Mitral Valve Replacement** | | | |  |
| 02R.G07Z | Replacement of Mitral Valve with Autologous Tissue Substitute, Open Approach | | | |
| 02R.G08Z | Replacement of Mitral Valve with Zooplastic Tissue, Open Approach | | |  |
| 02R.G0JZ | Replacement of Mitral Valve with Synthetic Substitute, Open Approach | | | |
| 02R.G0KZ | Replacement of Mitral Valve with Nonautologous Tissue Substitute, Open Approach | | | |
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| **Open Mitral Valve Repair** | | | |  |
| 02Q.G0ZZ | Repair Mitral Valve, Open Approach | | | |
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| **Open Tricuspid Valve Replacement** | | | |  |
| 02R.J07Z | Replacement of Tricuspid Valve with Autologous Tissue Substitute, Open Approach | | | |
| 02R.J08Z | Replacement of Tricuspid Valve with Zooplastic Tissue, Open Approach | | |  |
| 02R.J0JZ | Replacement of Tricuspid Valve with Synthetic Substitute, Open Approach | | | |
| 02R.J0KZ | Replacement of Tricuspid Valve with Nonautologous Tissue Substitute, Open Approach | | | |
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| **Open Tricuspid Valve Repair** | | | |  |
| 02Q.J0ZZ | Repair Tricuspid Valve, Open Approach | | | |
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| **Open Pulmonic Valve Replacement** | | | |  |
| 02R.H07Z | Replacement of Pulmonary Valve with Autologous Tissue Substitute, Open Approach | | | |
| 02R.H08Z | Replacement of Pulmonary Valve with Zooplastic Tissue, Open Approach | | |  |
| 02R.H0JZ | Replacement of Pulmonary Valve with Synthetic Substitute, Open Approach | | | |
| 02R.H0KZ | Replacement of Pulmonary Valve with Nonautologous Tissue Substitute, Open Approach | | | |
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| **Open Pulmonic Valve Repair** | | | |  |
| 02Q.H0ZZ | Repair Pulmonary Valve, Open Approach | | | |
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| **ICD-9** |  | | |  |
| 35.11 | Open heart valvuloplasty of aortic valve without replacement | | | |
| 35.21 | Open and other replacement of aortic valve with tissue graft | | | |
| 35.22 | Open and other replacement of aortic valve | | | |
| 35.12 | Open heart valvuloplasty of mitral valve without replacement | | | |
| 35.23 | Open and other replacement of mitral valve with tissue graft | | | |
| 35.24 | Open and other replacement of mitral valve | | | |
| 3610 | Aortocoronary bypass for heart revascularization, not otherwise specified | | | |
| 3616 | Double internal mammary-coronary artery bypass | | | |
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