|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Reference | Total patients | CAA | | LCX or LAD from RSV or RCA | RCA from  LSV | LCA from RSV | SA | |
|  | | | | | | | | |
| Engel et al (44) | 4,250 | 51 (1.2) | | 30 (0.71) | 3 (0.07) | 1 (0.02) | |  |
| Chaitman et al (45) | 3,750 | 31 (0.83) | | 17 (0.45) | 7 (0.19) |  | |  |
| Neimann et al (46) | 3,000 | 14 (0.47) | | 8 (0.27) |  |  | | 6 (0.20) |
| Baltaxe and Wixson (47) | 1,000 | 6 (0.9) | | 4 (0.2) |  |  | | 2 (0.02) |
| Kimbiris et al (23) | 7,000 | 45 (0.64) | | 26 (0.37) | 12 (0.17) | 4 (0.057) | |  |
| Liberthson et al (48) | 35,000 | 21 (0.06) | | 11 (0.031) | 4 (0.011) | 4 (0.011) | | 3 (0.0085) |
| Donaldson et al (24) | 9,153 | 42 (0.46) | | 34 (0.37) | 3 (0.03) | 3 (.03) | | 2 (0.02) |
| Teplitsky et al (49) | 2,000 | 11 (0.55) | | 6 (0.30) | 2 (0.10) |  | |  |
| Wilkins et al (25) | 10,661 | 83 (0.78) | | 38 (0.36) | 30 (0.28) | 3 (0.028) | | 7 (0.066) |
| Click et al (26) | 24,959 | 73 (0.29) | | 44 (0.18) | 15 (0.060) | 3 (0.012) | |  |
| Yamanaka and Hobbs (27) | 126,595 | 681 (0.54) | | 467 (0.37) | 136 (0.11) | 22 (0.017) | | 56 (0.044) |
| Topaz et al (28) | 13,010 | 70 (0.62) | | 33(0.17) | 35 (0.27) | 1 (0.008) | | 1 (0.008) |
| Cieslinski et al (50) | 4,016 | 22 (0.97) | | 15 (0.35) | 2 (0.050) |  | | 5 (0.12) |
| Kaku et al (29) | 17,731 | 56 (0.32) | | 6 (0.034) | 44 (90.25) | 1 (0.006) | |  |
| Oral et al (51) | 1,225 | 5 (0.41) | | 2 (0.16) | 2 (0.16) | 1 (0.082) | |  |
| Kardos et al (30) | 7,694 | 103 (1.34) | | 28 (0.36) |  | 1 (0.013) | | 4 (0.052) |
| Garg et al (52) | 4,100 | 34 (0.83) | | 15 (0.37) | 19 (0.46) | 15 (0.37) | |  |
| Barriales Villa et al (31) | 13,500 | 50 (0.31) | | 26 (0.13) | 15 (0.11) | 3 (0.15) | | 6 (0.044) |
| Angelini (53) | 1950 | 34 (1.74) | | 13 (0.67) | 18 (0.92) | 3 (0.15) | |  |
| Gol et al (33) | 58,023 | 173 (0.44) | | 103(0.23) | 47 (0.081) | 17 (0.029) | | 6 (0.007) |
| Harikrishnan et al (32) | 7,400 | 19 (0.26) | | 6 (0.081) | 7 90.095) | 2 (0.027) | | 3 (0.041) |
| Rigatelli et al (54) | 5,100 | 30 (0.59) | | 20 (0.39) | 2 (0.04) | 5 (0.098) | | 3 (0.06) |
| Yildiz et al (36) | 12457 | 16 (0.13) | | 13 (0.10) |  | 1 (0.008) | | 2 (0.016) |
| Turkmen et al (34) | 53655 | 139 (0.26) | | 52 (0.097) | 55 (0.10) | 16 (0.03) | | 16 (0.03) |
| Ouali et al (37) | 7330 | 20 (0.27) | | 7 (0.10) | 3(0.04) |  | | 9 (0.12) |
| Tuncer et al (9) | 70850 | 89 (0.13) | | 58 (0.08) | 17 (0.024) | 2 (0.003) | | 10 (0.014) |
| Aydinlar et al (38) | 12059 | 37 (0.31) | | 17 (0.14) | 7 (0.06) | 9 (0.07) | | 4 (0.03) |
| Krasuski et al (55) | >210,700 | 301 (0.14) | |  | 238 (0.11) | 63 (0.03) | |  |
| Tuo et al adult (40) | 7960 | 39 (0.49) | | 22 (0.28) | 13 (0.16) |  | | 4 (0.05) |
| Tuo et al children (40) | 3026 | 6 (0.20) | | 4 (0.13) |  | 1 (0.03) | | 1 (0.03) |
| Aydar et al (41) | 7500 | 35 (0.47) | | 24 (0.32) | 9 (0.12) |  | | 2 (0.03) |
| Correia et al (56) | 3906 | 6 (0.15) | | 3 (0.08) | 1 (0.026) | 2 (0.051) | |  |
| Eid et al (57) | 4650 | 34 (0.73) | | 20 (0.43) | 9 (0.19) | 5 (0.11) | |  |
| **Anomalous left circumflex coronary artery from right sinus of Valsalva or right coronary artery only** | | | | | | | | |
| Page et al (58) | 2,996 | |  | 20 (0.67) |  |  | |  |
| Rou et al (59) | 200 | |  | 2 (1.0) |  |  | |  |
| Ueyama et al (7) | 10,216 | |  | 40 (0.39) |  |  | |  |
| Samarendra et al (60) | 2,684 | |  | 7 (0.26) |  |  | |  |
| Mohsen et al (61) | 5205 | |  | 18 (0.35) |  |  | |  |
| **LAD from right sinus of Valsalva** | | | | | | | | |
| Tuncer (9) | 70,850 | |  | 12 (0.017) |  |  | |  |
| **Single coronary artery only** | | | | | | | | |
| Desmet et al (42) | 50,000 | |  |  |  |  | | 33 (0.066) |
| Neuhaus and Kober (43) | 8,500 | |  |  |  |  | | 3 (0.035) |
| Fakiolas et al (62) |  | |  |  |  |  | | (0.09) |
| Lipton et al (63) | 4382 | |  |  |  |  | | 10 (0.23) |
| Hillestad and Eie(64) | 1056 | |  |  |  |  | | 3 (0.28) |
| **Anomalous right coronary artery only** | | | | | | | | |
| Berdoff et al (65) | 2,145 | |  |  | 12 (0.56) |  | |  |
| Ayalp et al (66) | 5,253 | |  |  | 5 (0.095) |  | |  |
| **Anomalous left main coronary artery only** | | | | | | | | |
| Ishikawa and Brandt(67) | ~15,000 | |  |  |  | 10 (0.067) | |  |
| Mavi et al (68) | 10,042 | |  |  |  | 2 (0.020)j | |  |

Table 3. Incidence of selected coronary artery anomalies based on coronary angiography. Abbreviations as for Table 1. Some studies were restricted to one particular anomaly.