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| --- | --- | --- | --- | --- | --- | --- | --- |
| Patient No. | Diagnosis | Age at Surgery (mo) | Previous  Intervention | Age at postoperative Visit (mo) | Preoperative Volume (cm3) | Postoperative Volume (cm3) | Volume Difference (cm3) |
| 1 | Crouzon | 32 | FOA | 42 | 1141.4 | 1272.0 | 130.6 |
| 2 | Apert | 35 | FOA | 44 | 1225.1 | 1412.9 | 187.8 |
| 3 | Crouzon | 26 | FOA | 35 | 981.9 | 1039.5 | 147.6 |
| 4 | Apert | 38 | FOA | 46 | 1217.6 | 1417.7 | 200.1 |
| 5 | Crouzon | 8 | FOA | 18 | 735.4 | 910.2 | 174.8 |
| 6 | Crouzon | 26 | FOA | 35 | 1220.3 | 1472.2 | 251.9 |
| 7 | Crouzon | 36 | FOA | 44 | 1218.5 | 1455.6 | 237.1 |
| 8 | Crouzon | 7 | PVDO | 16 | 648.9 | 1277.4 | 295.5 |
| 9 | Crouzon | 32 | PVDO | 42 | 1274.8 | 1530.9 | 256.1 |
| 10 | Crouzon | 27 | PVDO | 35 | 1099.2 | 1446.6 | 347.4 |
| 11 | Crouzon | 6 | PVDO | 14 | 693.1 | 886.9 | 193.8 |
| 12 | Crouzon | 10 | PVDO | 19 | 785.3 | 1006.1 | 220.8 |
| 13 | Apert | 34 | PVDO | 42 | 1261.6 | 1502.7 | 241.1 |
| 14 | Crouzon | 9 | PVDO | 18 | 880.7 | 1076.8 | 196.1 |
| 15 | Apert | 8 | PVDO | 16 | 899.5 | 1132.4 | 232.9 |
| 16 | Saethre-chotzen | 28 | PVDO | 36 | 1031.6 | 1278.4 | 246.8 |

Supplemental Table 1

Supplemental Table 2

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| Demographic Variable | FOA(n=7) | PVDO(n=9) | *p* |
| Age at surgery (mo) | 28.7±10.3 | 17.89±11.95 | 0.077 |
| Mean Preoperative Volume (cm3) | 1105.74±185.45 | 952.74±229.83 | 0.174 |
| Mean Postoperative Volume (cm3) | 1282.87±223.23 | 1237.58±228.23 | 0.697 |
| Mean Volume Difference (cm3) | 189.98±44.18 | 247.83±48.54 | 0.028 |