<JLO 22-0680.R1; supplementary material>

**Table 1.** Bacterial growth in brain and sinus samples

|  |  |  |
| --- | --- | --- |
| Species   | Value (*n*) | Value (%) |
| Brain\* |  |  |
| *– Streptococcus constellatus*  | 5  | 25  |
| *– Streptococcus intermedius*  | 4  | 20  |
| – Streptococcus species | 2  | 10  |
| – *Streptococcus anginosus*, *Streptococcus milleri* | 2  | 10  |
| – Group C streptococcus, mixed anaerobes  | 1  | 5  |
| – *Staphylococcus aureus*   | 1  | 5  |
| – Staphylococcus coagulase negative  | 1  | 5  |
| – Group A streptococcus  | 1  | 5  |
| – *Streptococcus milleri*  | 1  | 5  |
| – *Streptococcus milleri*, haemophilus influenza B  | 1  | 5  |
| – No growth  | 1  | 5  |
| Sinus† |  |  |
| *– Streptococcus constellatus* | 3  |  15  |
| *– Streptococcus intermedius*  | 2  |  10  |
|  – Alpha haemolytic streptococcus  | 1  |  5  |
| – Group A streptococcus  | 1  |  5  |
| – Group C streptococcus  | 1  |  5  |
| – *Staphylococcus aureus*  | 1  |  5  |
| – Streptococcus species | 1  |  5  |
| – *Streptococcus anginosus*, *Staphylococcus aureus*  | 1  |  5  |
| – *Streptococcus intermedius*, *streptococcus constellatus*  | 1  |  5  |
| – *Streptococcus milleri*, haemophilus influenza B  | 1  |  5  |
| – Streptococcus species, *Staphylococcus aureus*  | 1  |  5  |
| – *Streptococcus pyogenes*  | 1  |  5  |
| – Gram negative staphylococcus | 1  |  5  |
| – No growth  | 4  |  20  |
| *– Streptococcus constellatus* | 3  |  15  |
| *– Streptococcus intermedius*  | 2  |  10  |
|  – Alpha haemolytic streptococcus  | 1  |  5  |

\**n* = 20; †*n* = 20

**Table 2.** Comparison of outcomes between antral washout only versus other types of sinus surgery

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Antral washout only\* (*n* (%)) | Sinus surgery†*,*‡(*n* (%)) | *P-*value\*\* |
| Death | 1 (14.3) | 1 (6.3) | 0.448 |
| Return to operating theatre | 9 (66.7) | 6 (37.5) | 0.136 |
| Neurological disability | 3 (25) | 3 (20) | 0.557 |

\**n =* 14; †*n =* 16; ‡refers to either endoscopic sinus surgery, frontal trephine or balloon sinuplasty; \*\*chi-square test or Fisher’s exact test