

S1 Table. Complete list of 13 patients, whose CSF samples were analyzed in this study. A first CSF sample was collected during the previous surgery and a second during the subsequent infection episode. Column "Days" shows the time interval between previous surgery and infection samples. Results from standard clinical microbiology culture are shown. Positive results represent microorganisms identified from plate cultures of CSF, unless otherwise noted. Exceptions are indicated when the date of the culture sample differed from the date of the sample used in this study.

Patient	Site	Previous surgery	Days	Microbiology culture, previous surgery	Microbiology culture, infection
P01	Site 1	Initial shunt placement	14	negative	<i>Staphylococcus aureus</i>
P02	Site 1	Initial shunt placement	27	negative	<i>Staphylococcus capitis</i>
P03	Site 2	Shunt revision	45	negative	<i>Staphylococcus aureus</i> , culture sample collected 1 day prior to the infection sample
P04	Site 2	Shunt revision	1	negative	<i>Staphylococcus lugdunensis</i>
P05	Site 2	Shunt revision	24	<i>Cutibacterium acnes</i> from broth only	negative on day of infection sample; <i>viridans</i> streptococci from broth only, culture sample collected 10 days after the infection sample; <i>Staphylococcus epidermidis</i> , culture sample collected 14 days after the infection sample
P06	Site 2	Shunt revision	3	negative	<i>Enterobacter cloacae</i>
P07	Site 2	Shunt revision	211	not tested	<i>Pseudomonas aeruginosa</i> , <i>Streptococcus agalactiae</i> (Group B) on the day of the infection sample; <i>Cutibacterium acnes</i> , culture sample collected 1 day prior to the infection sample
P08	Site 2	Shunt revision	24	<i>Cutibacterium acnes</i>	catheter tip <i>Staphylococcus hominis</i> and CSF negative on the day of the infection sample; CSF <i>Bacillus</i> species, not <i>B. anthracis</i> , culture sample collected 1 day after the infection sample
P09	Site 2	Shunt revision	59	not tested	shunt tip/hardware <i>Candida parapsilosis</i> , CSF sample negative
P10	Site 2	Endo 3rd ventriculostomy	20	not tested	<i>Enterococcus</i>
P11	Site 1	Shunt revision	11	negative	<i>Staphylococcus epidermidis</i> , culture samples collected 1 and 2 days prior to the infection sample
P12	Site 1	Shunt revision	54	negative	<i>Streptococcus mitis</i>
P13	Site 1	Initial shunt placement	9	negative	<i>Klebsiella aerogenes</i>