

VARIATION OF BACTERIAL FLORA WITH AGE OF WOUND.

Compiled from Reports of:- Lt.R.T.Pettit, Evacuation Hospital 8
Capt.J.W.Moore, Base Hospital 34.
Lt.S.S.Fay, Red Cross Hospital 110
Lt.J.H.Clark, Base Hospital 17.

The number of wounds cultured totaled 1106, varying in time from within 24 hours to within 80 days. Of the 160 negative cultures encountered 71 or over 50% occurred within the first 24 hours, and many of these followed debridement.

Most of the Anaerobes disappeared by the end of the first month. Sporogenes was encountered four times after the end of the first month.

Most of the Aerobic Bacilli likewise disappeared by the end of the first month with the exception of the Friedlander and Pyocyanus bacilli which persist until the end of the second month.

The Cocci, both Strep and Staph, were the most frequently encountered organisms, forming over 70% of the Bacteria isolated. They were also the most persistent, being the organisms found at the 80th day.

Total Wounds Cultured	1106	
Negative Cultures	160	14.4%
Aerobic Bacilli	164	14.8%
Streptococci	313	28.3%
Staphylococci	469	42.4%
Anaerobes	693	62.6%

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debridement. Most of the Anaerobes disappeared by the end of the first month.

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	1106	Total Wounds Cultured
180	180	Negative Cultures
184	184	Aerobic Bacilli
313	313	Streptococci
489	489	Staphylococci
693	693	Anaerobes

14.4%
 14.8%
 28.3%
 42.4%
 62.6%