

CASES OF ACTUAL AND POTENTIAL GAS GANGRENE  
RECEIVING SERUM TREATMENT.

Wm. Roth.

G.S.W.Rt. Elbow, penetrating.

Oct. 10th. Three wounds on anterior surface of arm, elbow and fore-arm penetrating joint. No crepitation but swelling.  
Culture before debridement: Strep. Staph. and Welch.  
Debrided and 10c.c. of Bull's serum injected around area of debridement.

Oct. 11th. 10c.c. Bull's serum administered.

Oct. 12th. 10c.c. Bull's " "

Oct. 14th. 10c.c. Leclainche and Vallee Serum given.

Oct. 16th. 10c.c. Leclainche and Vallee " "

Oct. 18th. 20c.c. Leclainche and Vallee " "

Patient has been running slight evening fever for the past week.

Oct. 19th. Second examination: Strep. Welch and Anthracoides.

Oct. 20th. Third examination: Strep. Staph. Welch and Pyocyanus.

Oct. 22nd. Second debridement performed.

Evening temperature gradually dropped and patient made an uneventful recovery.

Total Serum employed from Oct. 10th to Oct. 20th:

30c.c. Bull's serum.

60c.c. Leclainche and Vallee serum.

Robt. Farner.

Oct. 9th. G.S.W. Lt. Calf. T&T.

Oct. 11th. Debrided in A.M.

A bit of muscle, obtained from debridement in the morning showed on culture Welch.

Further debrided in P.M. of same day, with excision of a great amount of necrotic muscle.

Culture before first debridement: Staph. Welch and Edematiens. This last named anaerobe was not isolated until Oct. 14th.

10c.c. Bull's serum injected into stumps of muscles after second debridement in the evening.

Oct. 12th. Leg draining freely but much of remaining muscles necrotic. Foot blue and cold to ankle. No crepitation or edema above knee.

10c.c. Bull's serum administered.

Oct. 14th. Leg amputated at lower third of thigh, because of condition of lower leg.

10c.c. Leclainche and Vallee serum injected into stump.

A bit of muscle from thigh, obtained at operation, was negative for anaerobes on culture.

Oct. 15th. 10c.c. Leclainche and Vallee serum given.

Oct. 16th. 10c.c. " " " " "

Oct. 17th. 10c.c. " " " " "

Oct. 18th. Stump swollen and dry. No crepitation or demonstrable edema.

20c.c. Leclainche and Vallee serum given.

Swab for culture gave: Welch, Sporogenes and Edematiens.

Patient died during the night.

Total Serum employed from Oct. 11th to Oct. 18th.

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