

TABLE 68.—*Results of administration, to volunteers, of materials obtained from patients in the acute phase of serum hepatitis*

[In the "Route" column, O = oral; IG = intragastric; P = parenteral; IN = intranasal]

Inoculum	Author	Year	Route	Volunteers		Incubation period
				Inoculated	Jaundiced	
				Number	Number	Days
Feces	Neeff <i>et al</i> ¹	1945	O&IG	19	0	
	Neeff <i>et al</i> ¹	1945	P	5	0	
	MacCallum ²	1945	O	15	0	
	Havens ³	1946	O	6	0	
Serum	Cameron ⁴	1943	P	6	6	30-30+
	Oliphant <i>et al</i> ⁵	1943	P	186	33	28-133
	Oliphant <i>et al</i> ⁵	1943	P	10	4	120-160
	Oliphant <i>et al</i> ⁵	1943	IN	3	0	
	MacCallum & Bauer ⁶	1944	P	16	6	50-127
	MacCallum & Bauer ⁶	1944	IN	10	1	80(36)
	Havens <i>et al</i> ⁷	1944-46	P	13	7	56-71
	Havens <i>et al</i> ⁷	1944-46	O&IN	13	0	
	MacCallum ²	1945	P	19	12	42-80
	Neeff <i>et al</i> ⁸	1946	P	25	14	60-135
Nasopharyngeal washings.	Findlay & Martin ⁹	1943	IN	4	1	50
	MacCallum ²	1945	IN	17	0	
	Neeff <i>et al</i> ⁸	1946	IN&O	4	0	
Urine	Neeff <i>et al</i> ⁸	1946	O	1	0	

¹ Neeff, J. R., Stokes, J., Jr., and Reinhold, J. G.: Oral Administration to Volunteers of Feces From Patients With Homologous Serum Hepatitis and Infectious (Epidemic) Hepatitis. *Am. J.M. Sc.* 210: 29-32, July 1945.

² MacCallum, F. O.: Transmission of Arsenotherapy Jaundice by Blood; Failure With Faeces and Nasopharyngeal Washings. *Lancet* 1: 342, 17 Mar. 1945.

³ Havens, W. P., Jr.: The Period of Infectivity of Patients With Homologous Serum Jaundice and Routes of Infection in this Disease. *J. Exper. Med.* 83: 441-447, June 1946.

⁴ Cameron, J. D. S.: Infective Hepatitis. *Quart. J.M.* 12: 139-155, July 1943.

⁵ Oliphant, J. W., Gilliam, A. G., and Larson, C. L.: Jaundice Following Administration of Human Serum. *Pub. Health Rep.* 58: 1233-1242, 13 Aug. 1943.

⁶ MacCallum, F. O., and Bauer, D. J.: Homologous Serum Jaundice; Transmission Experiments With Human Volunteers. *Lancet* 1: 622-627, 13 May 1944.

⁷ (1) Havens, W. P., Jr., Ward, R., Drill, V. A., and Paul, J. R.: Experimental Production of Hepatitis by Feeding Icteric Materials. *Proc. Soc. Exper. Biol. & Med.* 57: 206-208, November 1944. (2) See footnote 3.

⁸ Neeff, J. R., Gellis, S. S., and Stokes, J., Jr.: Homologous Serum Hepatitis and Infectious (Epidemic) Hepatitis; Studies in Volunteers Bearing on Immunological and Other Characteristics of the Etiological Agents. *Am. J. Med.* 1: 3-22, July 1946.

⁹ Findlay, G. M., and Martin, N. H.: Jaundice Following Yellow-Fever Immunisation; Transmission by Intranasal Instillation. *Lancet* 1: 678-680, 29 May 1943.

NOTE.—Although the occurrence of nonicteric hepatitis is recognized, only jaundiced cases, in whom the diagnosis could be definite, are recorded here.