

1974

I started my career as paediatrician in 1974, one year after Dr Bishop's discovery of rotavirus.



....the patient I saw for the first time as a pediatric resident was a severe case of intussusception. ...the cases of intussusception were likely cluster in the rotavirus season. It was 1974, This experience was in the germline of the publication of the first (and the only) paper that positively linked intussusception with rotavirus infection.

Nakagomi,T: Microbiol Immunol, 2000

1978

J Med Virol. 2:265-269, 1978.

Human rotavirus infection in infants and young children with intussusception.

Konno T, Suzuki H, Kutsuzawa T, Imai A, Katsushima N, Sakamoto M, Kitaoka S, Tsuboi R, Adachi M.

Human rotavirus was detected by electron microscopy in 11 of 30 infants and young children with intussusception (37% of subjects under study). Serologic complement fixation tests revealed evidence of infection with the rotavirus in 70% of the patients examined who eliminated the rotavirus in their stools. These results indicate that human rotavirus, in addition to adenovirus, may be an infectious agent causing intussusception in infants and young children.

1982

The first cultivation of “type 1 rotavirus” in vitro, which is now known as G2P[4] DS-1-like rotaviruses

SCIENCE, VOL. 207, 11 JANUARY 1980

Human Rotavirus Type 2: Cultivation in vitro

Abstract. A strain of type 2 human rotavirus (Wa) was grown to relatively high titer through 14 passages in primary cultures of African green monkey kidney (AGMK) cells. This passage series was initiated with virus that had been passaged 11 times

JOURNAL OF CLINICAL MICROBIOLOGY, Oct. 1982, p. 727-730
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Isolation of Human Rotavirus Subgroups 1 and 2 in Cell Culture

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I was awarded a PhD degree for this paper, and this is the last paper carrying my maiden name as the first author.

1989 Molecular evidence for animal rotaviruses' crossing the host species barrier and infecting humans

JOURNAL OF VIROLOGY, Mar. 1989, p. 1431-1434
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RNA-RNA Hybridization Identifies a Human Rotavirus That Is Genetically Related to Feline Rotavirus

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