



Enterocutaneous fistula leading to sinus formation in the root of penis due to non-functioning ventriculoperitoneal shunt

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Abstract

Background: Abdominal complications of ventriculoperitoneal shunt are commonly reported but asymptomatic bowel perforation with enterocutaneous fistula is rare.

Case presentation: This case describes a 33-years-old male patient who had undergone ventriculoperitoneal shunt for hydrocephalus 10 years back. He presented with enterocutaneous fistula resulting sinus formation at the root of the penis due to the non-functioning peritoneal end of the shunt. Patient was managed with removal of the peritoneal end along with laparotomy with take down of fistula with bowel resection and anastomosis.

Conclusion: Asymptomatic bowel perforation due to peritoneal end of shunt system and enterocutaneous fistula are although rare but possible complications of ventriculoperitoneal shunt.

Key words: Ventriculoperitoneal shunt, enterocutaneous fistula

Biography

Hridayesh Pratap Malla has completed his PhD (Neurosurgery) at the age of 34 years from Kyung Hee University, Seoul, South Korea. He is working as a registrar in Department Of Neurosurgery, Kathmandu Model Hospital, Nepal. He has published more than 10 papers in reputed journals and has been serving as an editorial board member of Journal Of Korean Neurosurgical Society.



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