



Pneumatic colon injury following high pressure blow to perineum - A Case Report

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Abstract:

Pneumatic colon injury is a rare entity resulting from high pressure blow to perineum, Industrial accident and perineal blasting with compressed air had been commonly reported in adult and results in colon injury either with or without perforation. Spraying of the perianal with excessive pneumatic force of greater than the resting anal pressure and high air flow rate causes multiple site colon injury and tension pneumoperitoneum due to colon perforation. Air from pneumatic tools produces column of air at pressure of 3.5–8.8 kg/cm² and pressure greater than the resting anal pressure of 0.109 kg/cm² force air to enter the colon when the perineum is sprayed. Different degree of colon injury results when airflow is greater than 1.46 L/m, and/or intraluminal pressure greater than 0.109 kg/cm².

Biography:

Unnati M Shah has completed MS from Grants Medical College, Bombay University, India and Fellowship in MAS from Sir Gangaram Hospital, New Delhi. He is an Associate Consultant in the Department of General and Laparoscopic Surgery. He has published many papers in reputed journals including index journals and an Assistant Professor in GRIPMER, the academic wing of the hospital.



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4. Evaluation of skeletal maturation using mandibular third molar development in Indian adolescents, 2015
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