Toxicology of the Gastrointestinal Tract, 376 pages, Shayne Cox Gad, Shayne C. Gad, CRC Press, 2007, 9781420004267, 2007

This book replaces Intestinal Toxicology, one of the original books in the Target Organ series. It provides a complete, multidimensional overview of the entire gastrointestinal system involved in the toxicity of exogenous agents. The book describes normal structures and functions, regulatory mechanisms of control, and the role of absorption and metabolism in the systemic toxicity of toxic agents. It includes detailed treatment of the mechanisms of action of substances on the GI tract and how such effects can adversely affect the functioning of other systems in the body. The book also covers ph The gastrointestinal tract of man and animals shows great specialization in structure and function for its primary role of digestion. There are many species differences in diet, anatomy and metabolism, and its neuroendocrine regulation has evolved into a complex field for investigation. Exposure of the tract from oral cavity, stomach, small and large intestine results in a range of toxicities covered by this review. Carcinogenesis of the gastrointestinal tract by a range of agents including pharmaceuticals is also discussed. Publication types. Review. 3 Lower Gastrointestinal Tract. 4 Endoscopic Retrograde Cholangiopancreatography. 5 Enteroscopy.Â   The scope of toxicology widened tremendously during the last few years. An important development in this discipline is mandatory because of the expansion of different industrial, medical, environmental, animal and plant noxious substances. So toxicology has got special attention to the deleterious effects of chemicals and physical agents on all living systems. Toxicology can be an independent descriptive, empiric discipline to the fact of difficulty in diagnosis, controversial management and unknown end points. Many lethal exposures deserve early diagnosis & management before the confirmatory