

A Case of Severe Rectal Hemorrhage Possibly Caused by Radiation Recall after Administration of Gemcitabine

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Abstrak

Radiation recall is an acute inflammatory reaction that can be triggered when systemic agents are administered long time after radiotherapy. Because radiotherapy is now indicated for many types of cancer, care should be taken regarding possible toxic events relating to radiotherapy in combination with radio-sensitizing agents. Gemcitabine, one such anti-cancer agent, is widely used, especially for urologic cancers. We report an intriguing case of possible radiation recall in the rectum caused by gemcitabine administration 37 years after radiation therapy. From a review of the literature, it appears that there have been no reported cases of radiation recall in the rectum with such a long interval between radiation therapy and chemotherapy. Here, we describe the case and provide a literature review.