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Management dilemma - Synchronous B-cell follicular lymphoma in patient with colon cancer: A case report and literature review

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Introduction: Colorectal cancer is the third most common malignancy in Australia as per recent statistics. In contrast, pericolic or mesenteric lymphoma is relatively rare. We experienced an extremely rare case of synchronous primary colon cancer in the ascending colon with diffuse B-cell lymphoma in the terminal ileum

Case Presentation: An 80 year old man presented to his GP with malaise and iron deficiency anemia. Colonoscopic evaluation and biopsy were performed, and the diagnosis of cecal adenocarcinoma was made. He underwent right hemicolectomy with lymph node dissection. The pathology report revealed adenocarcinoma in cecum with no metastasis to regional lymph nodes. In addition, there was a low grade follicular lymphoma identified in the resected terminal ileum specimen with clear surgical margins. No lymphoma was identified in the resected lymph nodes from the specimen. He underwent postoperative chemotherapy with good response. Surveillance colonoscopy and PET CT scans have confirmed nil recurrence till date.

Conclusions: Coexisting primary malignant lymphoma and colon adenocarcinoma in one patient is a very rare event. We have no attractive hypothesis to explain the synchronous occurrence of malignant lymphoma and adenocarcinoma in this patient. We consider that old age and decreased immunity may be the risk factors for this case.

Biography

Rajkumar S Srinivasan is a Surgical Trainee from the Canberra Hospital, Australia. He completed his Medical Schooling from India and underwent Surgical Training in the United States prior to moving to Australia. He has published and presented surgical cases in various national and international conferences.

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