

## Documents

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**Lipiodol embolization for chylous leak complication post robotic-assisted para-aortic lymph node resection**  
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### Abstract

Thoracic or abdominal chylous leakage, a rare complication of lymph node removal procedures, can lead to the accumulation of lymph fluid within the abdominal cavity, resulting in chylous ascites, abdominal distension, discomfort, and an increased risk of infection. Lipiodol lymphangiography, a diagnostic procedure utilizing a unique contrast agent, serves to identify the site and cause of chylous leaks. Furthermore, it functions as a therapeutic tool by injecting Lipiodol into the affected lymphatic vessel. By employing this diagnostic procedure, successful closure of the leak can be achieved. We present a case where a chylous leak was effectively treated with Lipiodol injection following the robotic-assisted removal of metastatic lymph nodes surgery. © 2023

### Author Keywords

Chylous leak complication; Lipiodol embolization; Lymph node metastasis; Lymphangiogram; Robotic-assisted lymph node resection; Testicular carcinoma

### Index Keywords

alpha fetoprotein, bleomycin, chorionic gonadotropin beta subunit, contrast medium, etoposide, iodinated poppyseed oil, platinum; abdominal aorta, abdominal discomfort, abdominal distension, abdominal pain, abdominal radiography, adjuvant chemotherapy, adult, anatomical location, angiography, Article, artificial embolization, ascites, ascites fluid, aspiration, cancer combination chemotherapy, cancer staging, case report, chyle, chylous leak complication, clinical article, clinical effectiveness, comparative study, computer assisted tomography, conservative treatment, contrast enhancement, convalescence, dyspnea, female, fluoroscopy, follow up, hospital discharge, human, inferior cava vein, interventional radiologist, local anesthesia, lung nodule, lymph node, lymph node dissection, lymph node metastasis, lymph vessel, lymphangiography, lymphatic system, multiple cycle treatment, orchiectomy, paraaortic lymph node, paraaortic nodal metastasis, plain cone beam angiography, postoperative complication, robot assisted surgery, testis carcinoma

### Chemicals/CAS

bleomycin, 11056-06-7, 9041-93-4; etoposide, 33419-42-0, 433304-61-1; iodinated poppyseed oil, 8001-40-9, 8002-46-8, 8006-56-2, 8006-57-3, 8008-53-5; platinum, 7440-06-4

### Tradenames

lipiodol, Guerbet, France

### Manufacturers

Guerbet, France

### Funding details

Written and informed consent for data publication was obtained from the patient and family. All authors have reviewed and approved the final manuscript. In the creation of this work, the author(s) employed chat AI for syntax and grammatical error checks. Following the use of this tool/service, the author(s) meticulously reviewed and edited the content as necessary and assume full responsibility for the publication's content. Acknowledgments: This article did not receive specific funding. Competing Interests: The authors declare that they have no known competing financial interests or personal relationships that could have appeared to influence the work reported in this paper.

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