

Supplementary material

Czernikiewicz K, Mazurkiewicz Ł, Joks M, et al. Breast implant–associated anaplastic large cell lymphoma as a late complication of breast implant placement: a report of 3 Polish cases. *Pol Arch Intern Med.* 2023; 133: 16531. doi:10.20452/pamw.16531

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Table S1. Case series. Patient data presentation and comparison. The numbers in brackets present the order of carried out examination and additional diagnostics, according to Turton et al., Br J Haematol., 2021			
	Patient 1	Patient 2	Patient 3
Age at the time of diagnosis	34	42	41
Implant manufacturer	Mentor	Allergan	Allergan
Texture, filling	Textured, silicone	Textured, silicone	Textured, silicone
Reason for implantation	Aesthetic	Aesthetic	Reconstruction
Implantation date	11.2013	12.2013	01.2014
Symptom onset date	09.2018 <i>Relapse: 04.2021</i>	12.2020	01.2021
Number of months from implantation to symptom onset	58	84	84
Physical examination	Left breast edema <i>Relapse: Left supraclavicular lymph node enlargement</i>	Right breast edema	Left breast edema
Additional diagnostics	US (1), FNA (2), PET-CT (3)	US (1), FNA (2), PET-CT (3)	US (1), FNA (2), PET-CT (3)
Surgery	En-bloc resection + bilateral implant removal (4)	En-bloc resection + bilateral implant removal (4)	En-bloc resection + bilateral implant removal (4)
Ultrasound imaging findings	Seroma	Seroma	Seroma

Immunohistochemistry	CD30+, ALK-, Ki67+, CD68PGM1-, CKAE1/AE3- <i>Relapse (lymph node): CD30+, ALK-, CD43+, CD4+, CD3+, CD5+, EMA+, CKAE1/AE3-</i>	CD30+, ALK-, Ki67+ (90%), CD3-, CD20-	CD30+, Ki67+ (100%)
Ann Arbor (Lugano) staging	IE <i>Relapse: IIIA</i>	IE	IE

Abbreviations: BIA-ALCL, breast implant-associated anaplastic large cell lymphoma; FNA, fine-needle aspiration; NCCN, National Comprehensive Cancer Network; PET-CT, positron emission tomography-computed tomography; US, ultrasound.

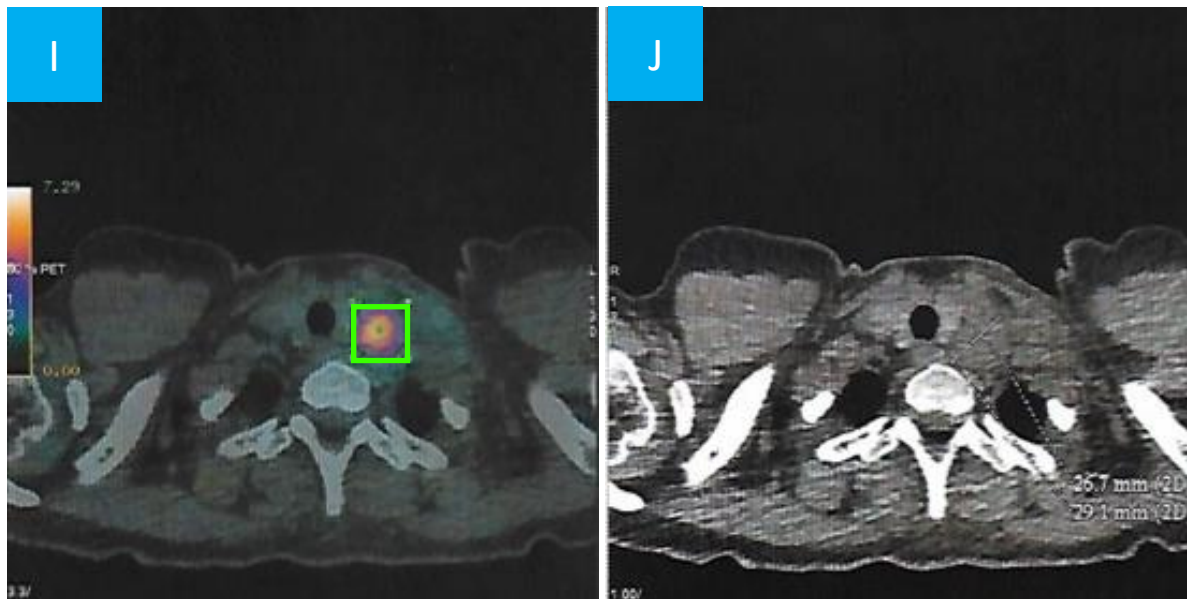


Figure S1

Patient 1 PET-CT scan performed in June 2021. Metabolically active lymphoma infiltrations in lymph nodes on both sides of the diaphragm confirming relapse of BIA-ALCL.

Metabolically active left supraclavicular lymph nodes measuring 26.7 x 29.1 mm (SUVmax = 6.9).

I – combined PET-CT scans with metabolically active foci (marked green).

J – CT scans of lymphoma infiltrated nodules.