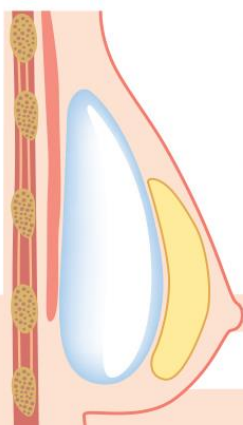


RISK OF BREAST IMPLANT ASSOCIATED-ANAPLASTIC LARGE CELL LYMPHOMA

MAY 2019

WHAT IS BREAST IMPLANT ASSOCIATED-ANAPLASTIC LARGE CELL LYMPHOMA (BIA-ALCL)?



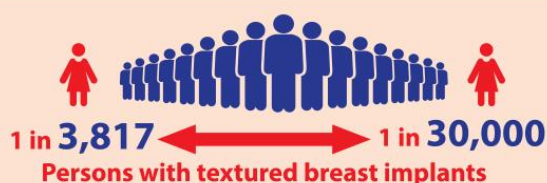
- A rare type of non-Hodgkin's lymphoma (cancer of the immune system) that usually develops around breast implants. It is not a cancer of the breast tissue.
- Usually involves swelling of the breast, which can occur as early as 1 year after the surgery, and as late as 37 years after the surgery.
- In some cases, it can spread to other parts of the body.

WHO IS AT RISK OF BIA-ALCL?

- Majority of patients who have developed BIA-ALCL globally have had **textured implants**. Further review of the global reports indicates a relatively higher incidence rate in patients implanted with macro-textured implants.
- There were also a few unconfirmed reports of BIA-ALCL in patients who have received **smooth-surfaced implants**¹. The possible association is currently being investigated.

WHAT IS THE RISK OF BIA-ALCL?

Estimated incidence rates
reported in literature²



- The Expert Panel on Breast Implants³, convened by the Health Sciences Authority in February 2019, noted that BIA-ALCL occurrences are rare and the associated mortality rates **remain low**.

IF YOU ARE CONSIDERING BREAST IMPLANT

It is important to discuss with your doctor on the risks and benefits of the different types of implants, whether for reconstruction or augmentation purposes.

IF YOU HAVE A BREAST IMPLANT

- Monitor and check for swelling, lumps or pain around your implant after the surgical incision has healed. Consult your doctor immediately if you have any of the symptoms.
- Continue with regular follow-up with your doctor post implantation.

¹ "Breast Implant-Associated Anaplastic Large Cell Lymphoma (BIA-ALCL)", 2017, FDA, US Food and Drug Administration. <https://www.fda.gov/MedicalDevices/ProductsandMedicalProcedures/ImplantsandProsthetics/BreastImplants/ucm239995.htm>
² Loch-Wilkinson et al, 2017 and Doren et al, 2017

³ Expert Panel comprises a group of healthcare professionals from both public and private hospitals.