

Breast Cancer: Lumpectomy vs. Mastectomy

Cyrus Croslin, Ashira Evans

UMB CURE Scholars Program - Grade Cohort 5 (Southwest Baltimore Charter School), Baltimore, MD
Marlene and Stewart Greenebaum Cancer Center, University of Maryland, Baltimore

Purpose of Study

The purpose of this study is to study the dangerous of breast cancer and research its treatments.

Introduction

- Breast cancer is a form of cancer that is in the breast. It affects thousands of women each year. Also women aren't the only race to get breast me can also get it. Breast cancer is when large mass of tumor cells form a lump in the breast area.

Symptoms

- A lump or mass in the breast for women or men.
- Changes in the breast for women.
- A bloody discharge from the nipple for men.

Discoveries and Innovations

- Lumpectomy** is a surgical removal of a specific piece of breast tissues malignant tumor or breast cancer.
 - Cut the breast and remove the tumor as well as a small area around it.
 - Advantage: Radiation therapy so your breast will still be there
 - Disadvantage: Make the areas around that breast more sensitive
 - Longer process
 - 5-7 weeks
- Mastectomy** is a surgical operation to remove a breast
 - Put under anesthesia
 - Your whole breast is removed as well as other parts to remove the spread of cancer.
 - Advantage: Less likely that the cancer will return
 - Disadvantages: Longer postoperative period that will deal with recovery because of the side-effects of the operation.

Addressing the Disparity

- African American women experience higher rates of death due to breast cancer than other racial and ethnic groups
 - Contributing factors (Beauty Products)
 - Acrylic Nails
 - Fragrances
 - Hair Relaxers
 - Brazilian Blowout
- These products contain chemical hazards that are extremely harmful to the body if exposed frequently.

Data



Figure 1: This is a image that shows ways to increase a healthy lifestyle and lower risk of breast cancer.

Conclusion

- It is important to get regular check-ups with your doctor to prevent or notice any signs of early breast cancer.
- If breast cancer arises surgical procedures like mastectomy and lumpectomy will be used to try and get rid of the cancer.
- Skip toxic products to lower risks.

References

- https://www.breastcancer.org/treatment/surgery/mast_vs_lump
- <https://www.nejm.org/doi/full/10.1056/NEJM199504063321402>
- <https://www.bcpp.org/resource/african-american-women-and-breast-cancer/>