Progress in Breast Cancer Surgery Through Clinical Trials

Past

- 1971: Modified Radical Mastectomy - Removing the Breast and Lymph Nodes but not the Muscle
- 1977: Lumpectomy and Radiation Therapy for Breast Cancer
- 1977: Halsted Radical Mastectomy: Took Breast, Chest Wall, Muscles and Lymph Nodes leaving HUGE defect 1894 Standard of Care
- 1996: Sentinel Lymph Node Biopsy for Early Stage Breast Cancer
- 1998: Neoadjuvant Chemotherapy (chemotherapy before surgery) to allow Lumpectomy
- 2005: Whole Breast versus Partial Breast Radiation Therapy for Breast Conservation
- 2005: Sentinel Lymph Node Biopsy Can Be Used After Neoadjuvant Chemotherapy in Patients with Positive Lymph Nodes at Time of Diagnosis
- 2010: No Need For Axillary Dissection in Those with Limited Sentinel Lymph Node Involvement who will get Radiation Therapy
- 2015: Extra Rim of Tissue at Time of Lumpectomy Halves Positive Margins Rate

Future?

You Can Make It Happen!

References:

- 2010: ACOSOG Z0011 Web links: [1] [2]
- 2013: ACOSOG Z1071 Web links: [1] [2]
- 2015 Yale Cancer Center Web links: [1]
- NSABP Clinical Trials Case Studies Summary Web links: [1]