

**FirstN LastN Status as of 10/2020:** YX years old “race” woman with breast cancer Stage IV with lung involvement since 2000. Both lungs have multiple 1-2 cm nodules. 2/2019 found bone involvement in left leg socket, left hip, femurs of both legs, T1, T2 of thoracic spine. Last several Ca27.29 are 94, 90, 106, 111. Heart function is ok (60% LVEF), BP 102/60; liver function is ok; kidney function is ok; perpetually immune compromised with white count ~2000, ANC 0.6 – 1+, neuropathy in hand and feet, ECOG 1, cramping regularly in legs and stomach, dizziness and headache multiple times per week, possible lymphedema in left thigh, mentally strong positive, love life.

**Life Style and Family history with Cancer:** retired from \_\_\_, 5’5’’, 106lbs, non-smoking, non-drinking, mostly veggie and fish diet, walk or play \_\_\_ 6 days/week. father had \_\_\_, mother had \_\_\_. Both diagnosed in \_\_\_.

**Pathology:** 03/2018: biopsy of the lung: ER+, Her2+++ , PR—(change from PR+), moderately differentiated.

03/2018: comprehensive genetic profiling by FoundationOne medicine: numerous genomic alterations: ERBB2 amplification, PIK3CA H1047L, ESR1 Y537S, MDM4 amplification, GATA3 T419fs\*89, IKBKE amplification, LZTR1 truncation exon 15, PIK3CB amplification, TOP2A amplification, ZNF217 amplification. Microsatellite status MS-Stable, Tumor Mutation Burden TMB-Intermediate, 7 Muts/Mb.

03/2018: Variations of unknown significant: ABL2 E661v, APC E129Q, BRIP1 amplification, CD79B amplification, CDK12 amplification, CRLF2 I233T, GNA13 amplification, IDH1 R314H, LRP1B H1972Y, MRE11A R576Q, NF1 P2472R, NOTCH3 R1902C, PRKAR1A amplification, RARA amplification, RBM10 Y102C, ROS1 S987fs\*94, SLIT2 G454V, SNCAIP T64S, SOX9 amplification, SPOP amplification.

**Recent imaging:** echo cardiogram 09/2020; brain MRI (08/2020), chest CT whole body bone scan 07/2020.

**Past surgery:** 2018: biopsy of the lung; 2008: Oophorectomy; 1998: Modified radical mastectomy

**List of cancer medication:** Abemaciclib, Anastrozole, Eribulin, Herceptin, T-Dm1, Lapatinib, Pertuzumab, Xeloda, Everolimus, Femara, Fulvestrant, Exemestane, Estradiol, Navelbine, Cyclophosphamide, Adriamycin, Fluorouracil, Thiotepa, Taxol, Taxotere.

**Other medical condition and treatment:** None

**Current supplements:** Multivitamin, Calcium, Turmeric extract pill, PSK pill (turkey tail mushroom extract), green tea pill

#### **Chronological Treatment History:**

07/24/2020 – current: Abemaciclib (dose reduction multiple times due to neutropenia), Fulvestrant, Denosumab, Herceptin.

02/01/2020 – 07/24/2020: Afinitor, Denosumab, Herceptin.

05/10/2019 – 01/30/2020: Eribulin, Denosumab, Neulasta, Herceptin.

08/--/2019: additional radiation to both legs femurs

03/2019 – 04/2019: radiation to hip and neck (IMRT), denosumab, no other treatment, waiting for clinical trial.

02/2019 – 03/2019: no treatment, wash out period. Did not qualify for trial due to low neutrophil (ANC).

08/2018 – 02-2019: Xeloda (dose reduction due to hand/foot syndrome) and Herceptin

03/2018: Tumor genetic profile by Foundation one: Her2+++ , Er+++ , PR-, numerous amplifications, mutations

04/2018 – 08-2018: restart T-Dm1 (stop treatment due to large jump in Ca27.29, should have done CT to confirm progression)

12/2017 – 04/2018: Pertuzumab + Herceptin

03/2017 – 12/2017: Herceptin + Fulvestrant (take a break from T-Dm1)

07/2014 – 03/2017: T-Dm1 (stop treatment due to neuropathy)

02/2014 – 06/2014: Everolimus (stop usage due to mouth sore), Exemestane, Herceptin

08/2013 – 01/2014: Femara, Herceptin

12/2012 – 07/2013: 4mg estradiol, Herceptin

08/2012 - 12/2012: Fulvestrant 500mg, exemestane, Herceptin

05/2012 - 08/2012: Everolimus (10mg), Exemestane, Herceptin, Zometa

08/2011 - 05/2012: Herceptin, Tykerb, Femara, Zometa

08/2010 - 08/2011: Herceptin, Femara, Zometa

09-2009 - 08/2010: Herceptin and estradiol (6mg)

09/2008 - 09/2009: Herceptin, Fulvestrant, Femara

03/2008 - 09/2008: Herceptin, Exemestane, Oophorectomy

01/2005 - 03/2008: Herceptin (readded) and Femara

07/2004: It returned again via several small nodules in the lung

10/2002: NED no evidence of disease (via CT and CA27.29)!

10/2001 - 01/2005: Femara, Fosamax

12/2000 - 10/2001: Herceptin and Navelbine

12/2000: lung metastatic was diagnosed (a few small nodules)

02/1998 - 12/2000: Daily Tamoxifen

05/1997 - 04/1998: Modified Radical Mastectomy, chemo regiments (CAF, Taxol, Caroplatin, Thiotepa, Navelbine, Taxotere), high dose chemotherapy with autologous stem-cells rescue, and radiation

05/1997: Diagnosed with BC stage 3A, ER+, PR+, HER2+, poorly differentiated, nuclear grade 3