**Patient**: Melissa Ramos (DOB 1976-05-25)

**MRN**: 651387

**Admission**: 2025-03-12 **Discharge**: 2025-03-21

**Physicians**: Dr. C. Zhang (Oncology), Dr. B. Patel (Pulmonology), Dr. A. Newman (Cardiology)

**Discharge Diagnosis: Metastatic HER2+ Breast Cancer with Trastuzumab Deruxtecan-Induced ILD/Pneumonitis**

**1. Oncological Diagnosis**

* **Primary**: Metastatic Breast Cancer, HER2-Positive
* **Diagnosis**: 2021-05-10 (early); 2023-07-15 (metastatic)
* **Pathology**: Left breast IDC, Grade 3, ER/PR-negative, HER2+ (IHC 3+)
* **Initial Stage**: T2N1M0 (IIB)
* **Metastatic Sites**: Liver (largest 3.8 cm), bone (spine, ribs, pelvis)

**2. Current Admission**

* **Presentation**: Dyspnea, dry cough, low-grade fever (2 weeks)
* **Imaging**: HRCT: bilateral ground-glass opacities, septal thickening
* **Assessment**: Grade 3 ILD/pneumonitis; PFTs: FEV1 58%, FVC 62%, DLCO 45%. TTE LVEF 55%
* **Management**:
  + Discontinued T-DXd permanently
  + Methylprednisolone 2 mg/kg IV × 3d → prednisone taper
  + O2: 4L → 2L NC at discharge
  + Prophylaxis: TMP-SMX, fluconazole
* **Plan**: Transition to tucatinib/trastuzumab/capecitabine after pneumonitis resolution

**3. Treatment History**

* **Localized (2021-2022)**: TCHP neoadj × 6 → lumpectomy/SLNB → adjuvant H+P → XRT
* **Metastatic**:
  + First-line: T-DM1 (08/2023-10/2024)
  + Second-line: T-DXd (11/2024-02/2025, 5 cycles, 30% response)

**4. Comorbidities**:

* Hypothyroidism
* Osteopenia
* CIPN
* anxiety/depression

**5. Discharge Medications**

* Prednisone 120 mg daily × 1 week, with taper: 100 mg × 1wk → 80 mg × 1wk → 60 mg × 1wk (then tbd)
* TMP-SMX DS 1 tab M/W/F
* Fluconazole 200 mg daily
* Levothyroxine 112 mcg daily
* Calcium/Vit D
* Pantoprazole 40 mg
* Denosumab 120 mg q4w
* Escitalopram 10 mg
* Enoxaparin 40 mg × 4wks
* PRN: Acetaminophen 650 mg q6h, Ondansetron 8 mg q8h

**6. Follow-up Plan**

* **Pulmonology**: Dr. Patel in 1 week (3/28) with PFTs; HRCT in 4 weeks
* **Oncology**: Dr. Zhang in 2 weeks (4/4); liver imaging in 6 weeks
* **Cardiology**: Dr. Newman in 4 weeks (4/18) with echo
* **Home Care**: O2 2L PRN; nursing for monitoring; pulmonary rehab

**7. Key Labs (Admission → Discharge)**

* WBC: 12.8 → 15.6
* Neutrophils: 10.2 → 13.8
* Lymphocytes: 0.9 → 0.8
* Hemoglobin: 11.2 → 11.0
* Platelets: 285 → 310
* Na: 136 → 138
* K: 3.8 → 4.2
* BUN: 16 → 22
* Creatinine: 0.8 → 0.9
* Glucose: 142 → 138
* ALT: 45 → 52
* AST: 48 → 40
* Alk Phos: 180 → 175
* Bili: 0.9 → 0.8
* CRP: 8.2 → 2.4
* LDH: 310 → 280
* Troponin I: <0.04
* BNP: 85
* Microbiology: All cultures negative; BAL: lymphocytic predominance (45%)

**Electronically Signed**:

Dr. Zhang (Oncology) - 3/21/25 16:30

Dr. Patel (Pulmonology) - 3/21/25 15:15

Dr. Newman (Cardiology) - 3/21/25 14:00