Rucaparib + Sacituzumab Govitecan: Initial Data From the Phase 1b/2 SEASTAR Study (NCT03992131)

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Supplementary Material

Dose-Limiting Toxicity Criteria

A dose-limiting toxicity (DLT) was defined as any of the following occurring within the first 21 days of initiating combination treatment (cycle 1) that was assessed by the investigator as possibly related to rucaparib and/or sacituzumab govitecan:

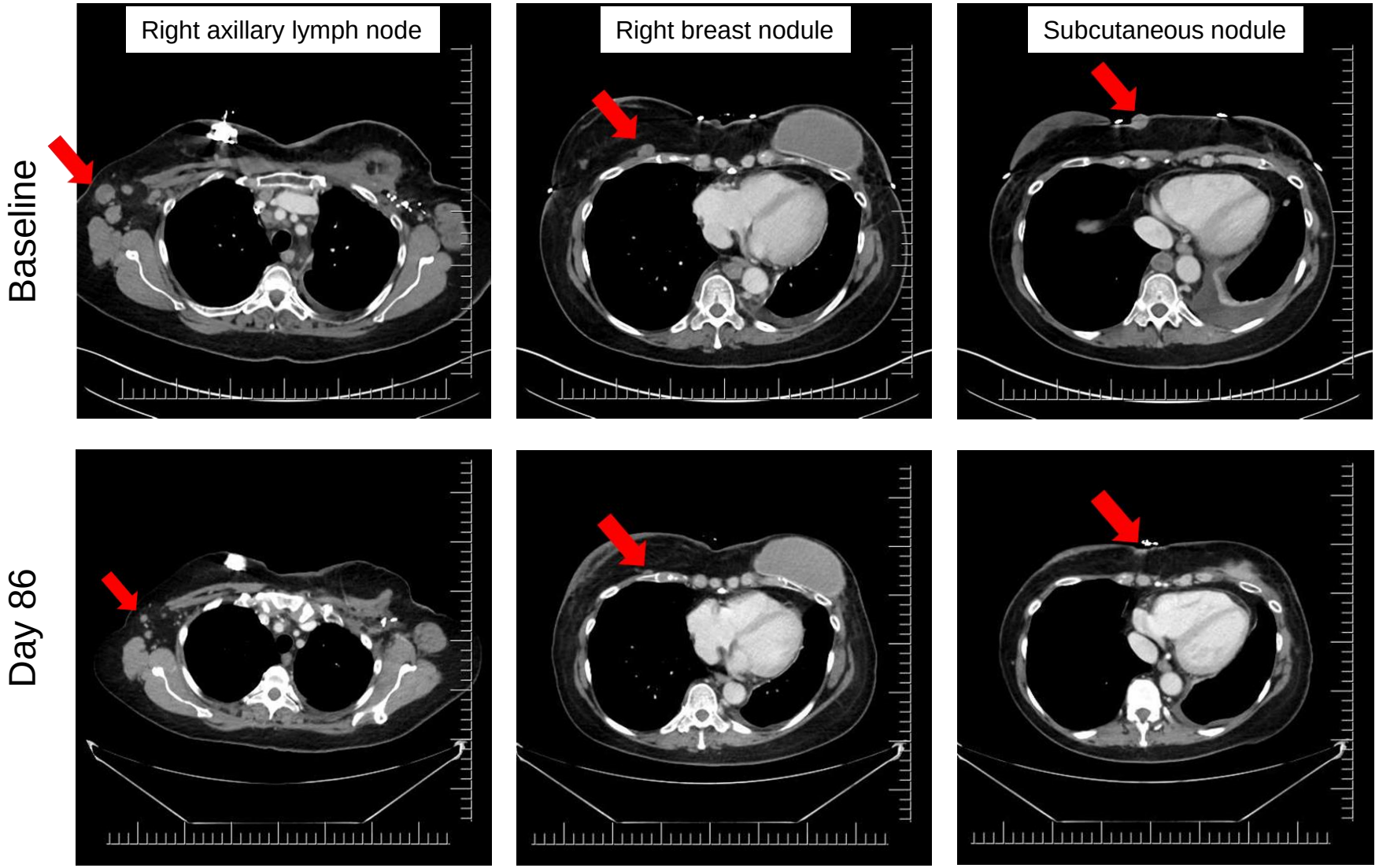
- Grade ≥3 febrile neutropenia (ie, fever >38.3°C with absolute neutrophil count <1.0 × 10^9/L) of any duration
- Grade 3 or 4 neutropenia lasting >7 days despite granulocyte colony-stimulating factor administration
- Grade 3 thrombocytopenia (platelets <50 × 10^9/L) with significant bleeding or grade 4 thrombocytopenia (platelets <25 × 10^9/L) ≥5 days duration
- Grade 4 anaemia (ie, life-threatening consequences; urgent intervention indicated) or any anaemia (regardless of grade or severity) requiring a blood transfusion
- Any nonhaematological adverse event grade ≥3, with the exception of:
  - Nausea, vomiting, and diarrhoea if well controlled by systemic medication and with duration ≤48 hr
  - Fatigue
  - Grade 3 alanine aminotransferase or aspartate aminotransferase (ALT/AST) increase not accompanied by a concomitant increase in total bilirubin above the upper limit of normal; any grade 4 ALT/AST increase was considered a DLT
- Any grade ≥3 infusion-related reaction that failed to resolve within 4 hours despite optimal medical management

Patient Genomic Testing

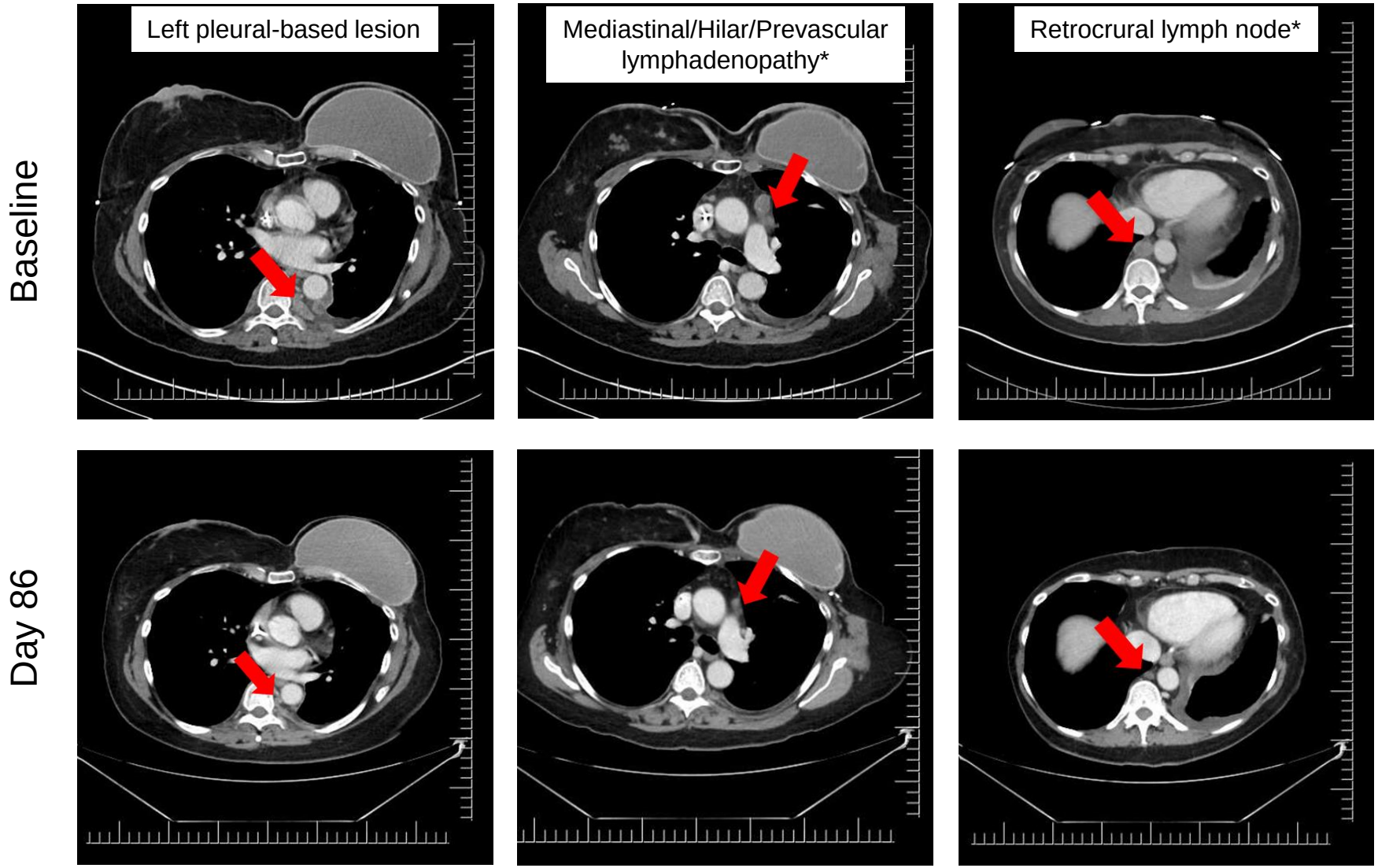
Patient	Local genomics tests performed	Deleterious HRR gene mutation identified
1	• MDACC Molecular Diagnostics Laboratory – Solid Tumor Genomic Assay	None detected
2	• Foundation Medicine – FoundationOne CDx	*BRCA1* N1355fs*10
3	• Guardant Health – Guardant360	*BRCA2* E2846fs
4	• Invitae – Breast and Gyn Cancers Guidelines-Based Panel • Myriad Genetics – myChoice CDx • MDACC Molecular Diagnostics Laboratory – Solid Tumor Genomic Assay	None detected
5	• BWH Molecular Diagnostics Lab – OncoPanel	None detected
6	• No genetic testing done, no report available	Not tested

BWH, Brigham and Women's Hospital; HRR, homologous recombination repair; MDACC, MD Anderson Cancer Center.

Supplementary Figure. Representative Images From Patient 5 With Metastatic TNBC and a Confirmed Partial Response

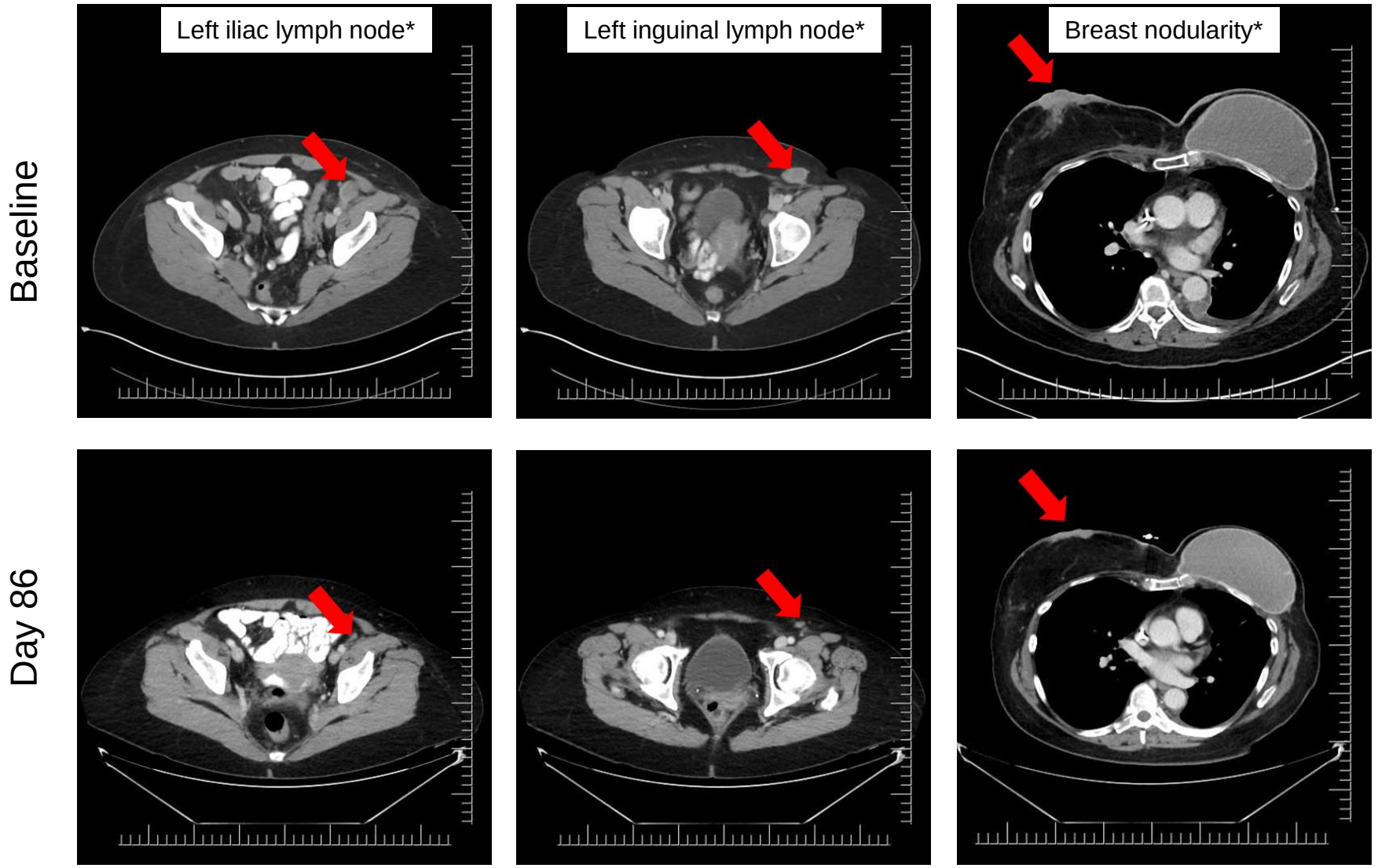


Supplementary Figure. Representative Images From Patient 5 With Metastatic TNBC and a Confirmed Partial Response (continued)



*Nontarget lesion, size not measured

Supplementary Figure. Representative Images From Patient 5 With Metastatic TNBC and a Confirmed Partial Response (continued)



*Nontarget lesion, size not measured