PATHOLOGY & MOLECULAR REPORT

Endometrial Cancer Comprehensive Assessment

PATIENT DEMOGRAPHICS

Patient ID: EC-2024-0847

Age: 64 years

BMI: 32.5 kg/m²

ECOG Status: 1

Diabetes: No

PATHOLOGICAL FINDINGS

FIGO Stage: IA

Histology: Endometrioid

Grade: G3

Myometrial Invasion: <50%

LVSI Status: Focal

Lymph Node Status: Negative

MOLECULAR PROFILING RESULTS

POLE Status: Wild-type

MMR Status: Proficient

MLH1: Intact

PMS2: Intact

MSH2: Intact

MSH6:	Intact
p53 Status:	Abnormal
L1CAM Status:	Positive
CTNNB1 Status:	Wild-type

HORMONE RECEPTOR STATUS

Estrogen Receptor (ER): 80%

Progesterone Receptor (PR): 100%

INTERPRETATION

Based on the molecular profiling results, this tumor demonstrates p53 abnormal status with overexpression pattern, consistent with the TCGA p53abn molecular subtype. The presence of L1CAM positivity further supports aggressive tumor biology. Despite favorable anatomical staging (Stage IA, <50% myometrial invasion), molecular features indicate high-risk disease requiring consideration of adjuvant therapy.