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Supplementary figure 1: CONSORT Flow Diagram of Patient Enrollment.

A total of 73 patients were assessed for eligibility. Thirteen were excluded due to predefined criteria (sepsis, comorbidities, or other malignancies). Sixty patients were randomized into the study group (argon-helium cryoablation + PD-1 inhibitor) or control group (chemotherapy + PD-1 inhibitor). All participants received allocated interventions and completed follow-up, with no attrition.

