AAST Pancreas Injury Clinical Guidance

AAST guidance for reporting pancreas injuries detected on CT

Pancreatic injury is uncommon but has high morbidity and mortality, with reported mortality of 9–34%. Main pancreatic duct (MPD) integrity is the most important determinant of outcome, and the 2024 AAST revision grades injuries primarily by ductal status rather than anatomic location.

This module encodes the AAST 2024 Pancreas Organ Injury Scale for trauma CT and MRCP. From structured descriptors — parenchymal injury type and depth, anatomic location relative to the superior mesenteric vein, MPD status, ductal evaluation modality, and pancreatic head viability — the tool assigns a grade from I through V with applicable subgrades (A/B for confirmed ductal injury, N for indeterminate ductal status on CT alone) and generates standardized impression text, which can be inserted into the report to direct ductal imaging and surgical consultation.

Citation

Notrica DM, Tominaga GT, Gross JA, et al. American Association for the Surgery of Trauma pancreatic organ injury scale: 2024 revision. *J Trauma Acute Care Surg* 2025;**98**:442–447.)

Summary

