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High Grade Prostatic Intraepithelial Neoplasia

National Cancer Institute

Source

National Cancer Institute. *High Grade Prostatic Intraepithelial Neoplasia*. NCI Thesaurus. Code C5541.

Prostatic intraepithelial neoplasia characterized by the presence of morphologically malignant cells lining the acini and ducts. The malignant cells are enlarged, contain prominent nucleoli, and have increased nuclear/cytoplasmic ratio. The malignant cells may grow within the ducts and acini in four architectural patterns: flat, tufting, micropapillary, and cribriform. The presence of high grade prostatic intraepithelial neoplasia in needle biopsy is a risk factor for the subsequent detection of carcinoma on repeat biopsy.