

Rates of abnormal gyn cytologies (Pap smears)

Goal/Benchmark:

Compare rates of abnormal gyn cytology diagnoses with benchmarks distributed by College of American Pathologists (CAP).

Significance:

Ascertain that rates of abnormal diagnoses on Pap smears are neither too high (“overcall”) nor too low (“undercall”). Judgment of the diagnosis is subjective, and may therefore need to be fine-tuned from time to time.

Definitions:

Atyp = atypical squamous/glandular cells of uncertain significance.

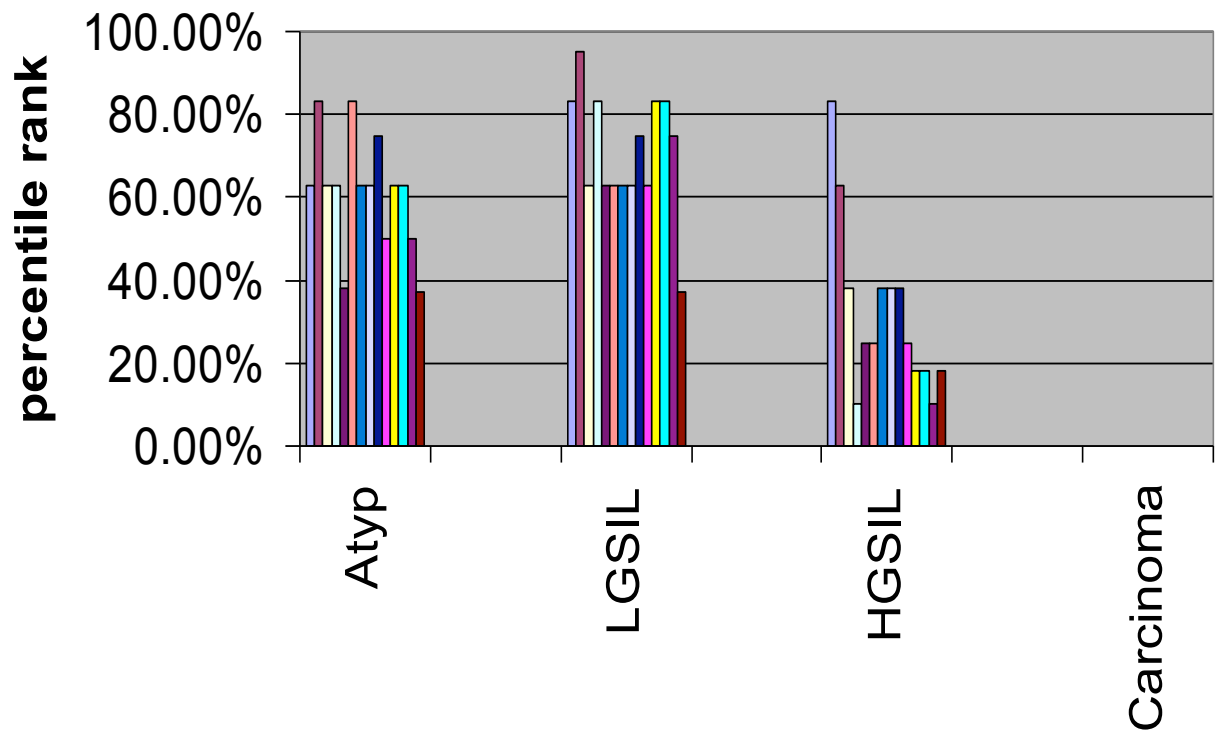
LGSIL = low-grade squamous intraepithelial lesion.

HGSIL = high-grade squamous intraepithelial lesion.

Action Plan/Follow-up:

1. Review all abnormal gyn cytology diagnoses during study period.
2. Calculate frequency of each abnormal category as a percentage of total gyn cytology cases.
3. Compare these frequencies to CAP-established national norms to establish percentile rank for lab.
4. Follow trends to detect need to adjust criteria for making various abnormal diagnoses.

Gyn cytology abnormalities 1999-2010



Diagnoses	2010 %	2010 pctile
Atyp	5.3	37
LGSIL	2.8	37
HGSIL+	0.3	18

