

5 years follow-up
CCCE-trial in Hannover

Abt. Gyn. Onkologie

MHH

Hannover, Germany

K.U. Petry, Wolfsburg

Inclusion and exclusion criteria

Inclusion

- 30 years or older
- attending for routine screening
- written consent

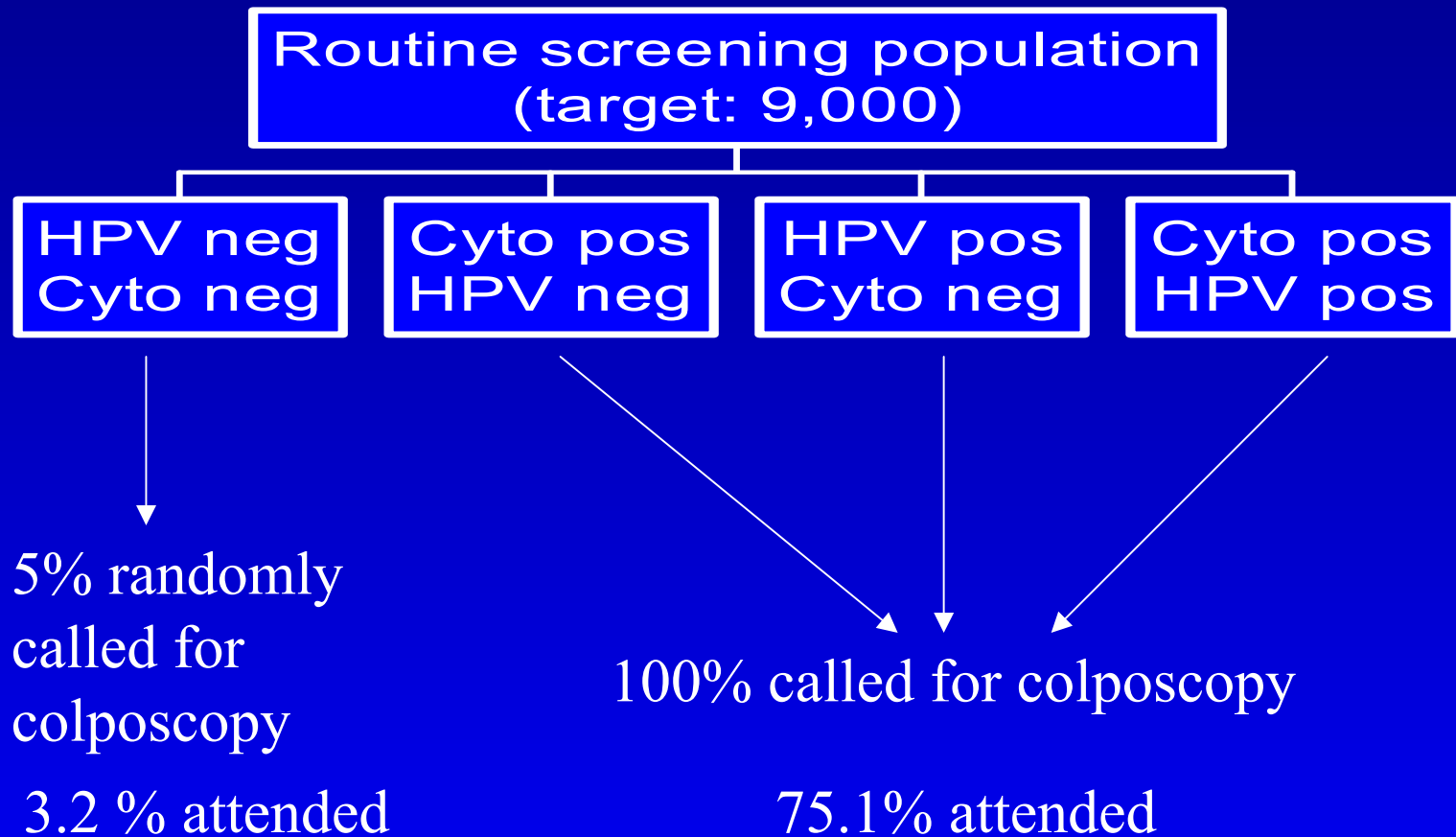
Exclusion

- pregnancy
- hysterectomy, conization
- hx of atypical cytology
- hx of condyloma

Recruitment

- Gynaecologic practices in rural and urban Hannover area.
- Routine cytology. No change of sampling or reading methods.
- Sample for HC2 testing (high-risk HPV-types) is taken after cytology.
- HC2 testing at Dep. Gynecologic Oncology

HAT-trial. Study design

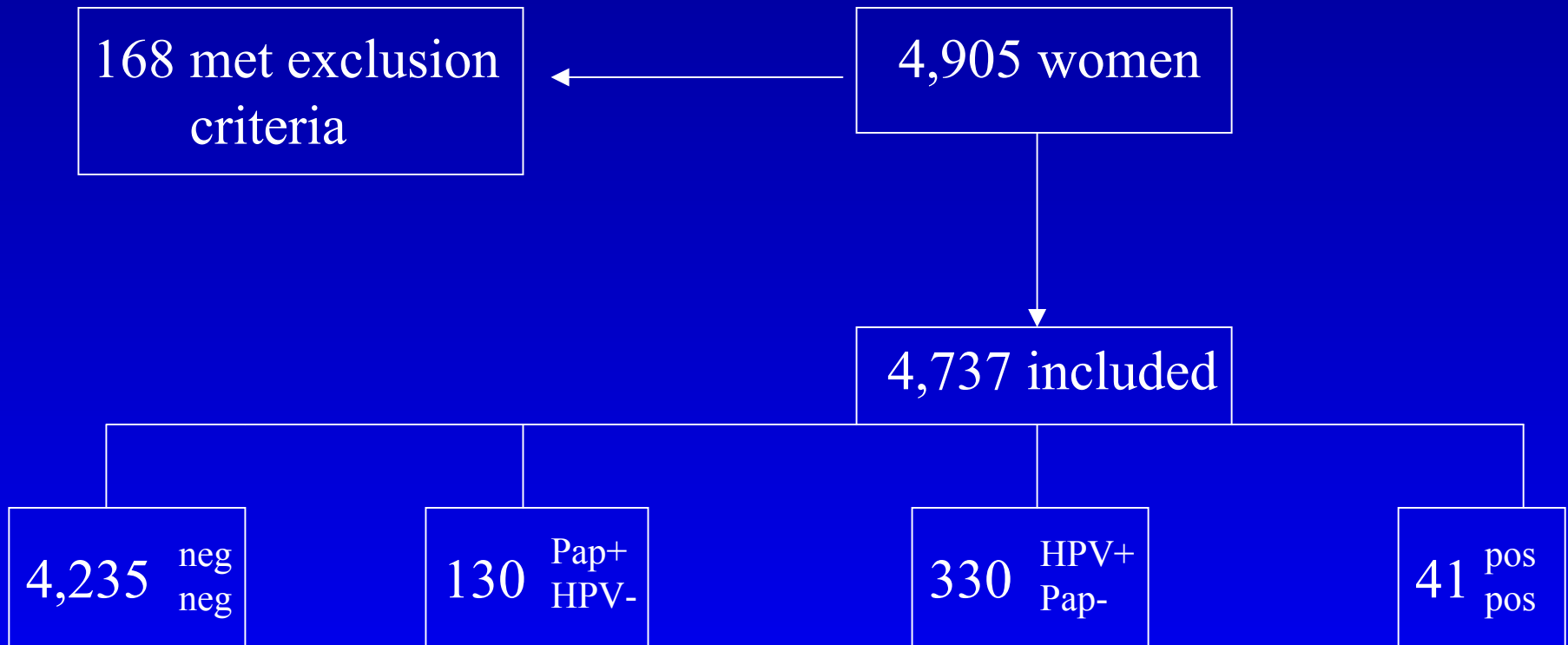


Quality control

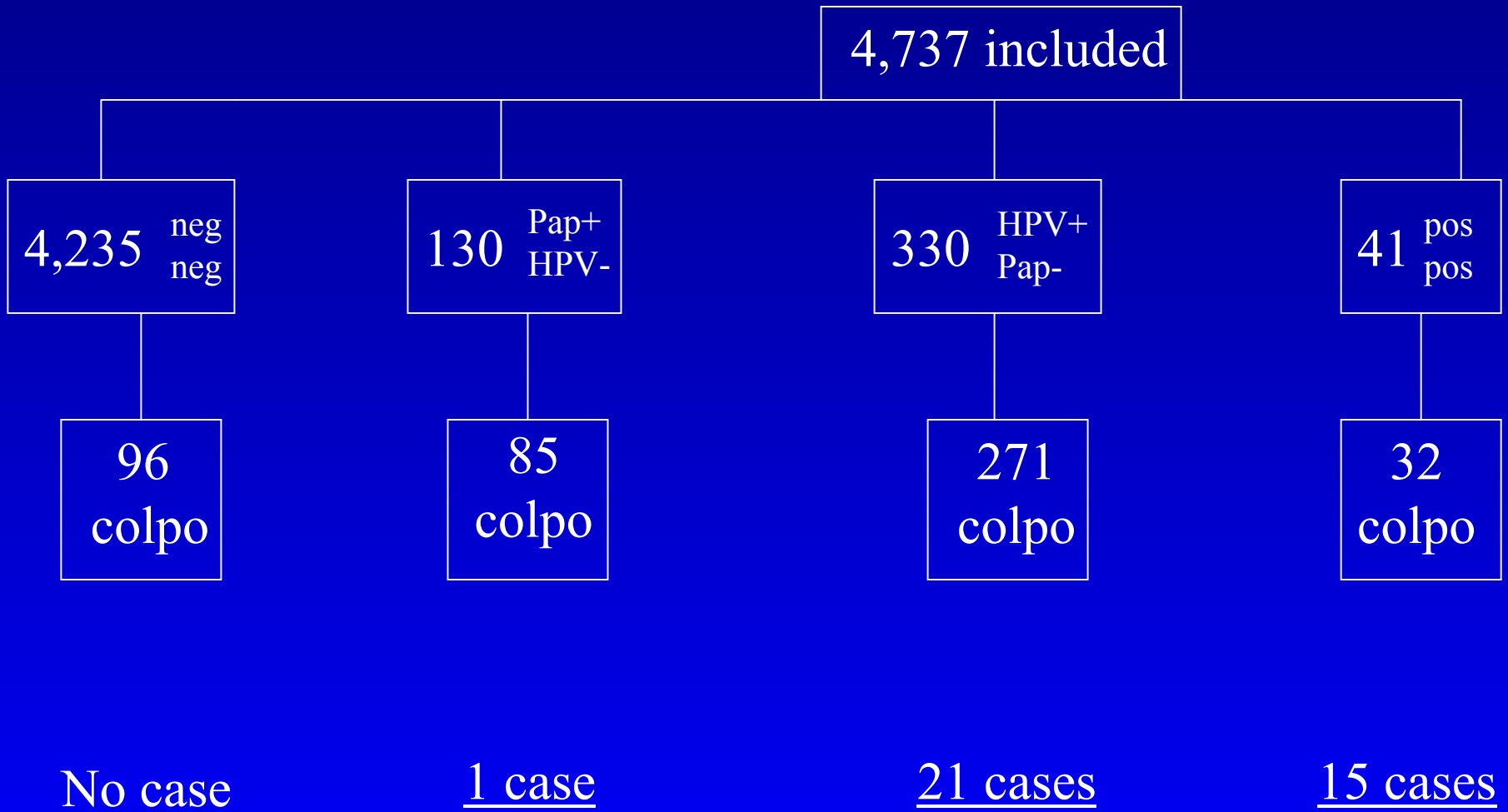
Hannover-Tübingen trial

	<i>1. reviewer</i>	<i>2. reviewer</i>
Cytol.	all positives + controls 1:1	-----
HPV	blind controls	PCR
Histo	all	disagreement (CIN 2/3)

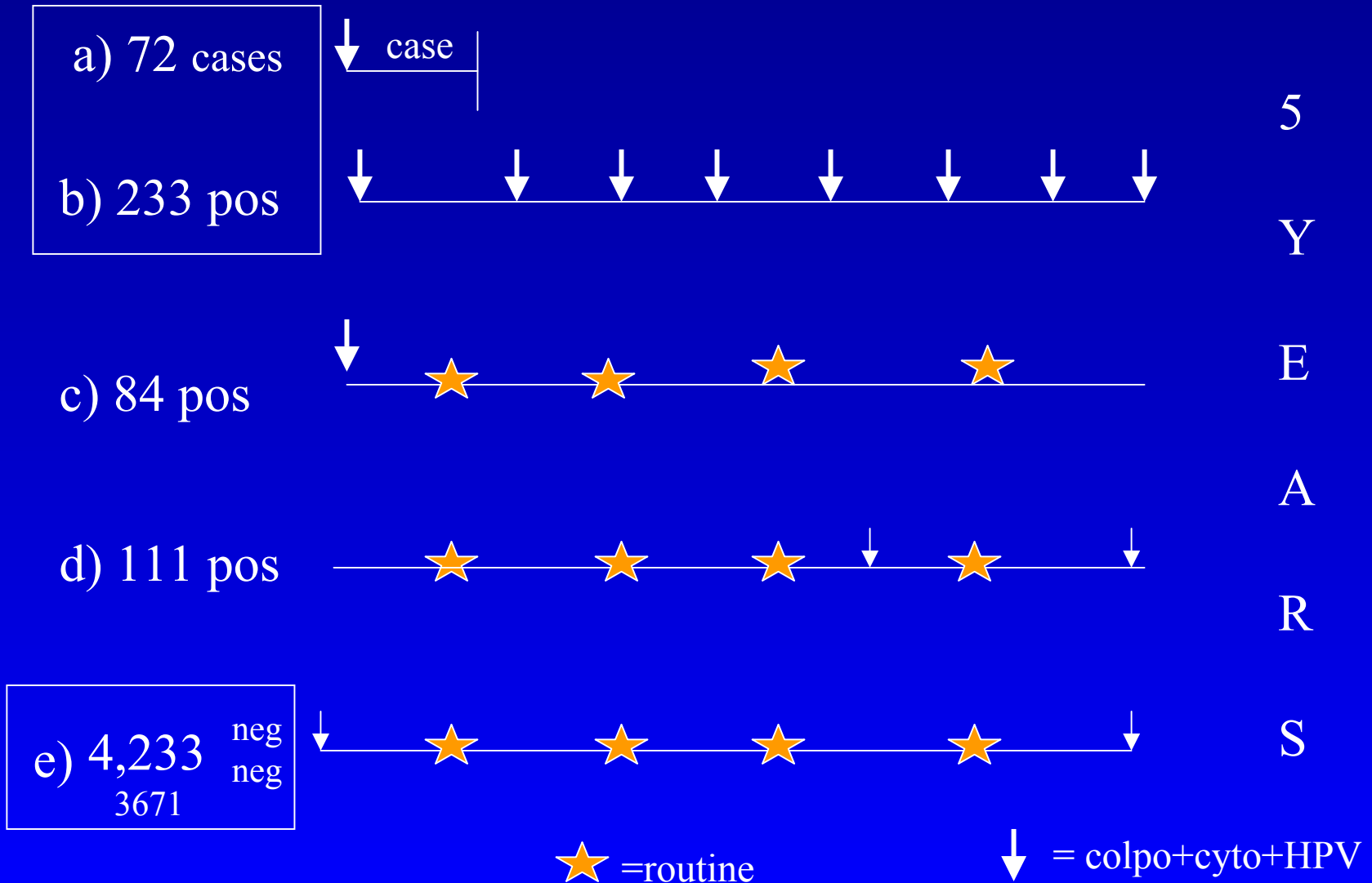
Hannover cohort. Initial Results.



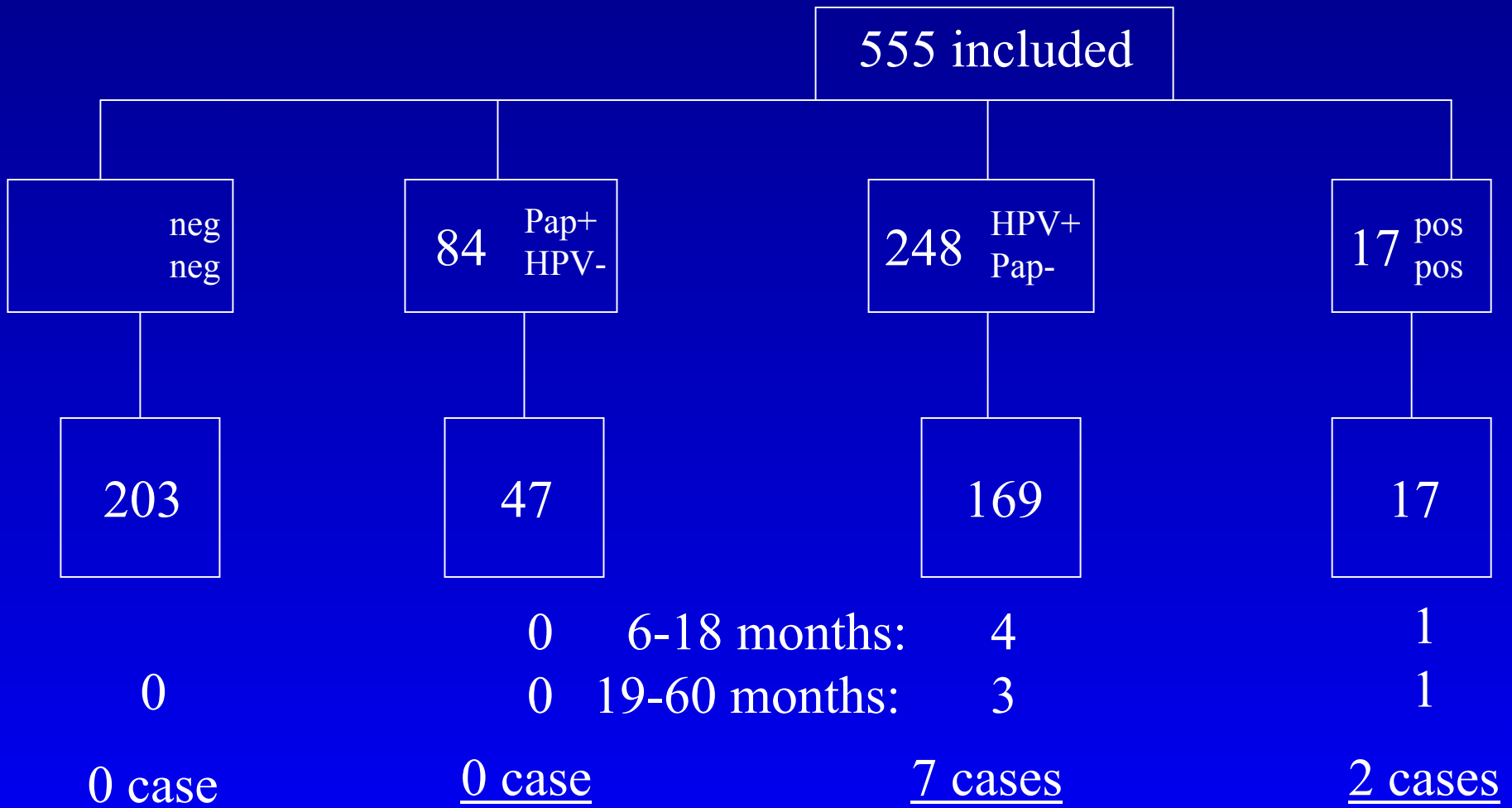
Hannover cohort. Initial Results.



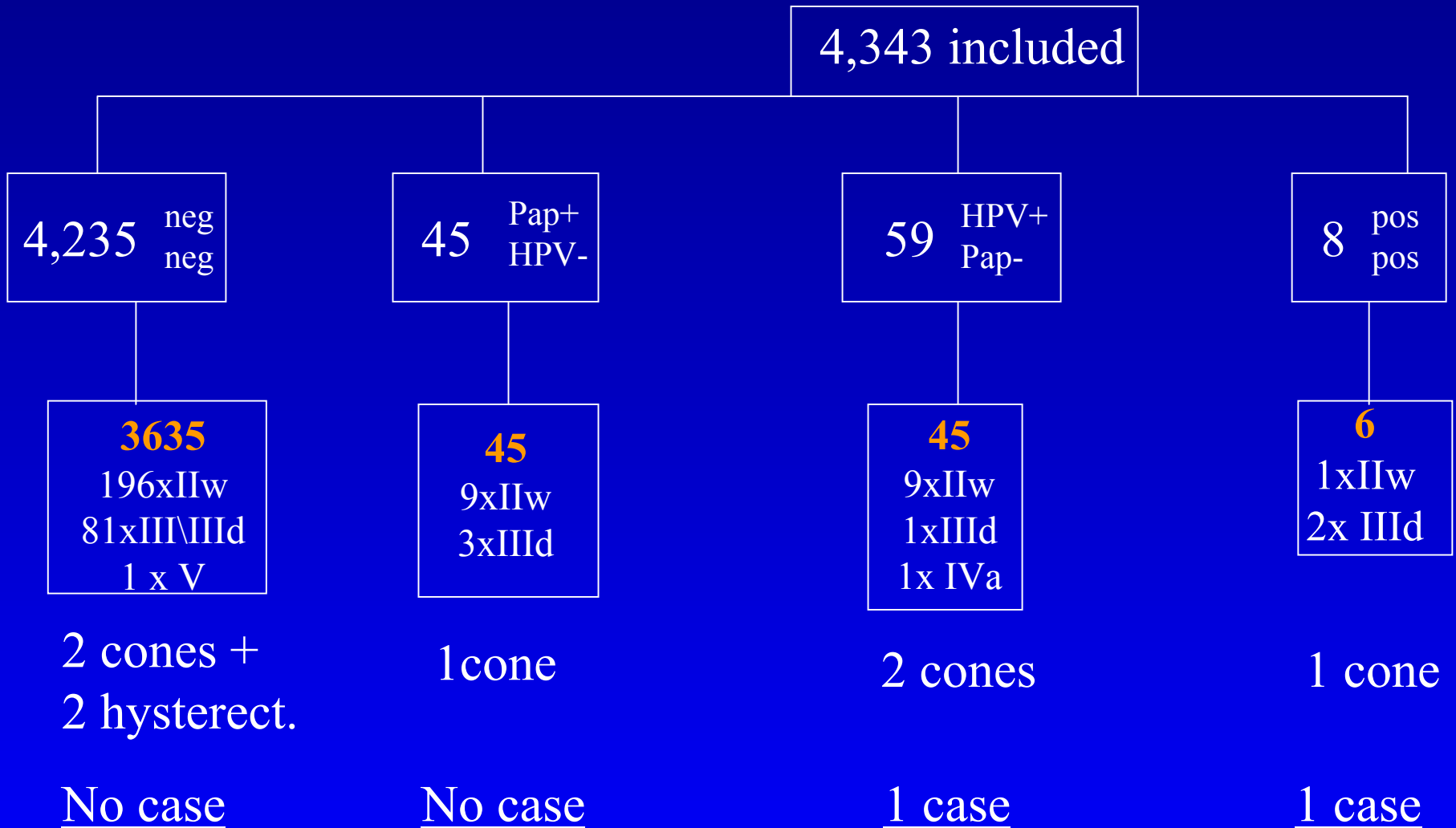
Follow-up strategies depending on compliance with colposcopy CCCE-trial/Hannover



Colposcopy follow-up.



Cytology follow-up

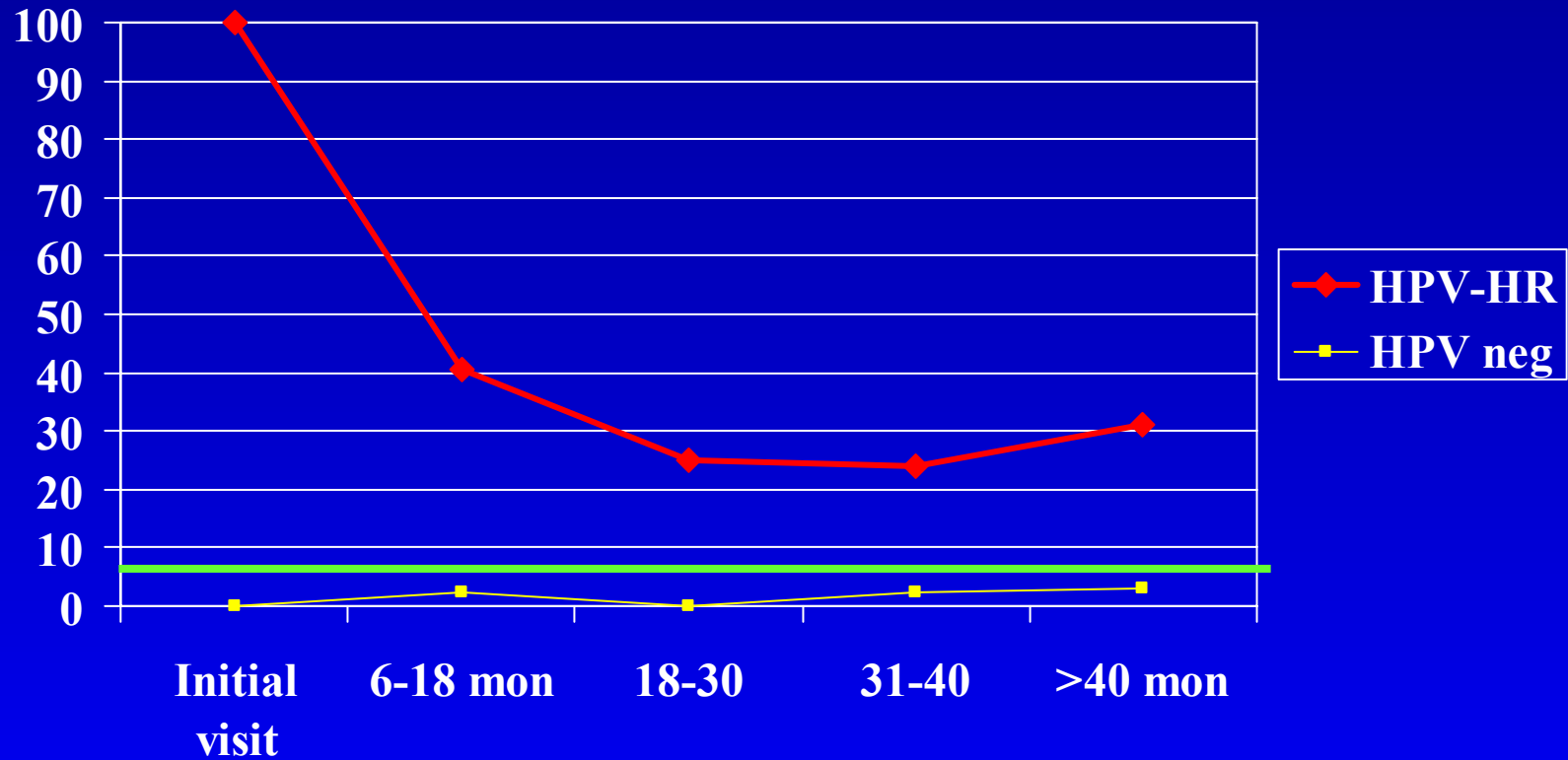


5 yrs HPV-Incidence in initially neg/neg women (n=350)

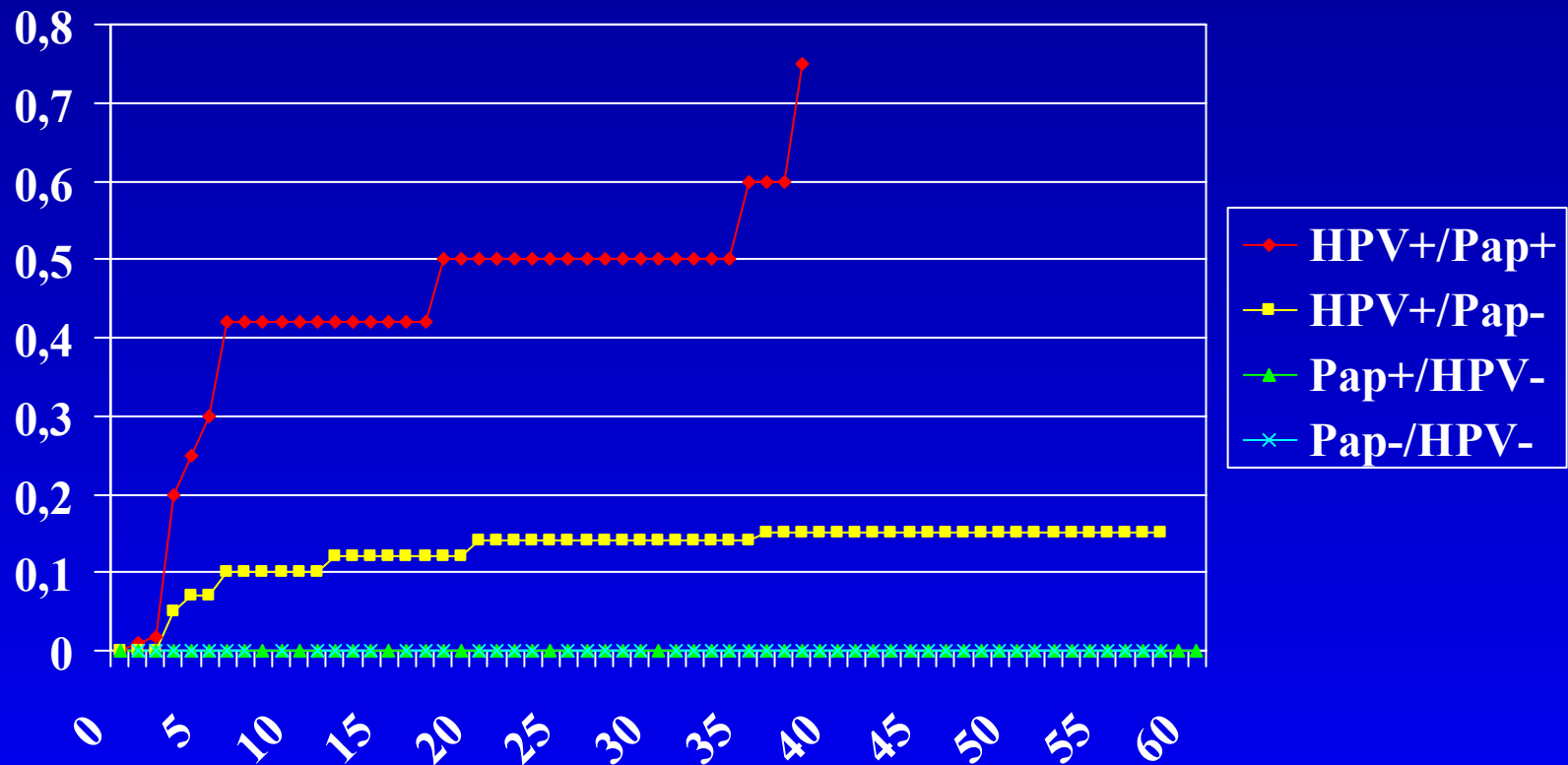
	HPV neg	HPV pos
No neoplasia	338	7
CIN 1	2	3

HPV-clearance

Hannover cohort



Incidence of CIN3



Conclusion

- Neg. HC2+Pap smear excluded high-grade disease with higher safety for 5 years than a Pap smear for the day of examination
- Compared with the actual annual Pap smear screening, HC2+Pap smear every 5 years would reduce the number of atypical smears and improve detection of high-grade cervical disease – if there were sufficient colposcopy facilities in Germany

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