

Stellingen behorende bij het proefschrift

**The Gleason Score and Beyond
Growth Patterns in Prostate Cancer**

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1. Large invasive cribriform carcinoma is an aggressive subtype of cribriform architecture and is associated with biochemical recurrence and metastasis in Gleason score 3+4 prostate cancer patients. *This thesis.*
2. To serve as a parameter for clinical decision-making, sensitivity for detection of cribriform architecture on prostate needle biopsies must be high. Unfortunately, the sensitivity is moderate at best. *This thesis.*
3. Since metastatic rates are similar for men with biopsy Gleason score 3+4 without cribriform carcinoma and for those with Gleason score 3+3, absence of both invasive cribriform and intraductal carcinoma could be an eligible criterion for active surveillance in men with Gleason score 3+4 biopsies. *This thesis.*
4. Glomeruloid pattern and particularly complex glomerulations should not be classified as a cribriform growth pattern variant in radical prostatectomy specimens. *This thesis.*
5. The prognostic value of cribriform architecture should be incorporated in risk models for high grade prostate cancer. In Grade Group 4 prostate cancer, cribriform architecture outperforms the Gleason score in predicting biochemical recurrence and metastases. *This thesis.*
6. The Johnsen score for testis biopsies should not compute a mean, but should rather be reported like the Gleason score in prostate cancer biopsies. The first number represents the most common pattern, the second number the highest pattern.
7. The tragedy of algorithmic commons: we cannot outsource our responsibilities to machines, we must hold on ever tighter to human values and ethics.
8. "You can know the name of that bird in all the languages of the world, but when you're finished, you'll know absolutely nothing whatever about the bird. You'll only know about humans in different places, and what they call the bird... I learned very early the difference between knowing the name of something and knowing something." - *Richard Feynman, 1988.*
9. "The anthropic principle states that if we wish to explain why our universe exists the way it does, the answer is that it must have qualities that allow intelligent creatures to arise who are capable of asking the question." - *Sheldon Cooper, 2012*
10. "Achievement of your happiness is the only moral purpose of your life, and that happiness, not pain or mindless self-indulgence, is the proof of your moral integrity, since it is the proof and the result of your loyalty to the achievement of your values." - *Ayn Rand, The Fountainhead, 1943.*
11. "Unquestionably the greatest distillery to be found on earth. If perfection on the palate exists, this is it." *Jim Murray's Complete Book of Whisky, on the Ardbeg Distillery, Isle of Islay, Scotland.*