

Stellingen bij het proefschrift *The Biochemical Impact of Surgery and Anesthesia*, door Jaap Willem Hol

1. Surgery is the main determinant that causes a cytokine response and not general anesthesia. *(This thesis)*
2. An awake craniotomy provides the same level of comfort and stress reduction as does general anesthesia. *(This thesis)*
3. Surgery causes an increase in NMDA receptor related amino acids requiring appropriate pharmacological intervention to prevent surgery related neuropathic pain syndromes. *(This thesis)*
4. Heavier surgical trauma causes increased consumption of ornithine, the amino acid used to produce proline and polyamine required for wound healing. *(This thesis)*
5. Heavy surgery causes nitric oxide to decrease more significantly when compared to less invasive surgery. *(This thesis)*
6. Propofol is not immunosuppressive.
7. Having an open mind and possessing keen observational skills are common traits shared by history's most pioneering scientists who have made revolutionary discoveries by reporting accidental findings or unintended experimental outcomes.
8. The discovery of and application of anesthesia and pain relief is one of the most important contributions to medicine and mankind.
9. Just because there is no evidence does not mean that it is not true.
10. Every single individual should be encouraged to stick their heads "boven het maaiveld".
11. The ones who are crazy enough to think that they can change the world, are the ones who do. *(Steve Jobs)*