Heartbeat optical coherence tomography

1) Light is faster than sound. (this thesis)

2) Current clinical OCT is too slow to escape cardiac motion but too fast to be corrected for it. (this thesis)

3) High-speed rotational scanning uniformity in imaging catheters benefits from using a micro motor. (this thesis)

4) A torque measured in Nano-Newton-meter can be useful in a macroscopic mechanism system. (this thesis)

5) The catheter tube in IV-OCT introduces astigmatism that may be corrected for better image quality. (this thesis)

6) A “Fantastic Voyage” can be realized by using endoscopic imaging catheters rather than shrinking us.

7) A drawing means a thousand words while a diagnostic image is worth a thousand measurements.

8) He who loves practice without theory is like the sailor who boards ship without a rudder and compass and never knows where he may cast. (Leonardo da Vinci)

9) Miracles sometimes occur, but one has to work terribly hard for them. (C. Weizmann)

10) Working with 'Echte Rotterdammers' is the best way to become 'een Echte Rotterdammer'.

11) 地势坤，君子以厚德载物。 (周易)  
As earth's condition is receptive devotion, a gentle man should hold the outer world with broad mind. (Zhou Yi: Classic of change)