

## Propositions accompanying the PhD thesis

### **Non-Invasive Ultrasonic Diagnosis of Urinary Bladder Outlet Obstruction**

#### **Propositions**

Accompanying the PhD thesis

#### **“Non-invasive Ultrasonic Diagnosis of Urinary Bladder Outlet Obstruction”**

1. Decorrelation analysis of radiofrequency ultrasound signals could provide an estimate of urinary flow velocity (this thesis).
2. The decorrelation of radiofrequency ultrasound signals depends on the concentration of scattering particles in urine (this thesis).
3. The decorrelation of sequential radiofrequency ultrasound signals increases with an increase in the degree of obstruction (this thesis).
4. The correlation of sequential radiofrequency ultrasound signals is uniquely related to the velocity of the urinary stream rather than its rate of flow (this thesis).
5. Bladder outlet obstruction can be non-invasively diagnosed using ultrasound decorrelation analysis (this thesis).
6. The cure for ignorance is to question (Muhammad may peace and blessing of Allah be upon him).
7. Without knowledge action is useless and knowledge without action is futile. (Abu Bakr Siddiq R.A)
8. The process of death starts at the beginning of life.
9. The smallest coffins are the heaviest.
10. The real wealth is knowledge which increases by sharing.
11. A beautiful face can earn you more than a brilliant brain.