

## **Minutes of partners meeting 2**

**Name of grant:** PROSTASONIC

**Date:** 02/09/2019 10-12 am

**Place:** Therapeutic Ultrasound Lab, Cyprus University of Technology

### **Participants:**

M. Giannakou (MEDSONIC),

T. Drakos (MEDSONIC),

C. Damianou (CUT),

N. Evripidou (CUT).

### **Agenda:**

- 1) Cart version and electronic system (N. Evripidou)
- 2) PROSTASONIC robot version 1 (M. Giannakou)
- 3) Agar phantom development (T. Drakos)

### **Minutes**

1) N. Evripidou presented the first version of the electronic cart. He explained in detail the different parts of the electronic cart. He informed the participants for the progress of the electronic system.

2) M. Giannakou presented the robot version 1 of PROSTASONIC. He explained the designed parts of the robot and the details of each part. He introduced the robot's version 1 free movements.

3) T. Drakos presented the development of agar-based gel phantom. He explained in detail the materials and the procedure to develop the phantom. He explained the first experiments of the thermal conductivity estimation of the agar-based gel phantom. He informed the participants for the upcoming experiments to observe any effect of the phantom materials on thermal conductivity and propagation speed. He informed the participants for the upcoming phantom X-ray images that will be acquired.

The next meeting will take place roughly in 3 months from this meeting.