

# Niedja S. Carvalho

Pulmonary Engineering Group

Department of Anaesthesiology and Intensive Care Therapy

University Hospital Carl Gustav Carus

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## **Current Position:**

Post-Doc

Pulmonary Engineering Group, Department of Anaesthesiology and Intensive Care Medicine, University Hospital Carl Gustav Carus, Technische Universität Dresden

## **Academic background**

### **PhD**

Since July, 2011

Biomedical engineering program – COPPE/UFRJ (Brazil)

Title: Evaluation of the fast strategy for adjustment of positive end expiratory pressure in laparoscopic surgery with pneumoperitoneum.

### **Master**

March, 2009 - June, 2011

Biomedical engineering program – COPPE/UFRJ (Brazil)

Title: Influence of time on the positive end-expiratory pressure titration.

**Specialization *Latu Sensu* on Respiratory Physiotherapy on Intensive Therapy –  
460 hrs**

2008 - 2009

Sociedade Brasileira de Terapia Intensiva (Brazilian Society of Intensive Therapy).

Project: Risk analysis of deep venous thrombosis in ICU Patients of the Trauma Emergency Hospital Dom Luiz Gonzaga Fernandes.

### **Graduation in Physiotherapy**

January 2003 - December 2007

Medical Science Faculty, Brazil.

### **Awards:**

- 2010 3° place at the XIII Intensive Therapy Conference of the state of Rio de Janeiro (SoTIERJ).
- 2010 Honorable Mention of the Federation Society of Experimental Biology (FeSBE)
- 2010 Finalist of the Cândido Pinto Melo competition, Brazilian Society of Biomedical Engineering (SBEB)