

Cristijan Bulat, MD, PhD

Date of birth: December 19th, 1968.

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Education

1988 - 1994 MD, University of Zagreb School of Medicine
1998 - 2002 Residency (General Surgery), Zagreb University Hospital
2003 - 2004 Fellowship (Cardiac Surgery), Cardiovascular Surgery Clinic, University of Zurich
2005 Fellowship at the Clinic for Heart Surgery, Cleveland Clinic Foundation
2007 The Advanced Course of the Master of Valve Repair Programme, Harefield Hospital London, UK
2007 The Medtronic Education Course of the Cardioblate applications, The Hague, Netherlands
2015 PhD, Josip Juraj Strossmayer University of Osijek

Employment

1998 - 2002 General surgery resident at Zagreb University Hospital
2002 - 2007 Cardiac surgery; Magdalena Special Hospital for Cardiovascular Surgery and Cardiology, Krapinske Toplice
2007 - 2016 Cardiac surgery specialist at the Department of Cardiac Surgery, Split University Hospital
2015- Assistant professor, Department of Surgery, University of Split School of Medicine
2016 - Chief; Department of Cardiac Surgery, Split University Hospital

Research grants and awards:

1993: Rector's Award, University of Zagreb, Zagreb, Croatia

2013-March 2016: Croatian Science Foundation; Co-investigator on the project "Myocardial energetics as a target for treatment of ischemic heart disease: A translational approach from patient to mitochondria"

2014 - current: Croatian Science Foundation; Co-investigator on project "Investigating pathological processes in ischemic human myocardium; basic science tools for major health problem"

Research profile

Development of novel approaches and surgical techniques that will shorten duration of surgery, minimize tissue damage and decrease recovery time.

Publications: 11 scientific publications; Selected publications listed below:

1. **Bulat C** et al. Combined surgical approach to carotid and coronary artery disease. *Coll Antropol.* 2008 Mar;32(1):209-16.
2. Fabijanic D, **Bulat C** et al. Membranous ventricular septum aneurysm as a cause of recurrent transient ischemic attack. *J Cardiovasc Ultrasound.* 2012 Jun;20(2):114-5
3. Fabijanić D, **Bulat C**, et al. Echocardiographic appearance of a hydatid cyst of the papillary muscle and chordae tendineae. *J Clin Ultrasound.* 2011 Sep;39(7):431-3.
4. **Bulat C** et al. Comparison of thermal damage of the internal thoracic artery using ultra high radiofrequency and monopolar diathermy. *Surgeon.* 2014 Oct;12(5):249-55.
5. Cavar M, Ljubkovic M, **Bulat C** et al. Trimetazidine does not alter metabolic substrate oxidation in cardiac mitochondria of target patient population. *Br J Pharmacol.* 2016;173(9):1529-40.

Doc. prim. dr. sc. Cristijan Bulat, dr.med.

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Školovanje

- 1988 - 1994 Doktor medicine, Medicinski fakultet Sveučilišta u Zagrebu
1998 - 2002 Specijalizacija opće kirurgije, Klinički bolnički centar Zagreb
2003 - 2004 Subspecijalizacija kardijalne kirurgije, Cardiovascular Surgery Clinic, University of Zurich
2005 Usavršavanje; Clinic for Heart Surgery, Cleveland Clinic Foundation
2007 Napredni tečaj "Master of Valve Repair Programme", Harefield Hospital London, UK
2007 Medtronic edukacijski tečaj "Cardioblate applications", Haag, Nizozemska
2015 Doktor znanosti, Sveučilište Josipa Jurja Strossmayera u Osijeku

Zaposlenje:

- 1998 – 2002 Specijalizant, Klinika za kirurgiju, Klinički bolnički centar Zagreb
2002 – 2007 Kardijalni kirurg; Magdalena – specijalna bolnica za kardiovaskularnu kirurgiju i kardiologiju, Krapinske Toplice
2007 - 2016 Kardijalni kirurg na Zavodu za kardiokirurgiju, Klinički bolnički centar Split
2015- Docent, Katedra za kirurgiju, Medicinski fakultet Sveučilišta u Splitu
2016 - Pročelnik, Zavod za kardiokirurgiju, Klinički bolnički centar Split

Znanstveni projekti i nagrade:

1993: Rektorova nagrada Sveučilišta u Zagrebu

2013 – ožujak 2016: Hrvatska zaklada za znanost; Istraživač na projektu "Myocardial energetics as a target for treatment of ischemic heart disease: A translational approach from patient to mitochondria".

2014 – : Hrvatska zaklada za znanost; Istraživač na projektu "Investigating pathological processes in ischemic human myocardium; basic science tools for major health problem"

Znanstveni interesi

Razvoj novih metoda i kirurških tehnika sa svrhom skraćivanja trajanja operacije, smanjenja tkivnog oštećenja i ubrzavanja oporavka bolesnika.

Znanstveni radovi: 11 znanstvenih radova; Popis odabranih publikacija:

1. **Bulat C** et al. Combined surgical approach to carotid and coronary artery disease. *Coll Antropol.* 2008 Mar;32(1):209-16.
2. Fabijanic D, **Bulat C** et al. Membranous ventricular septum aneurysm as a cause of recurrent transient ischemic attack. *J Cardiovasc Ultrasound.* 2012 Jun;20(2):114-5
3. Fabijanić D, **Bulat C**, et al. Echocardiographic appearance of a hydatid cyst of the papillary muscle and chordae tendineae. *J Clin Ultrasound.* 2011 Sep;39(7):431-3.
4. **Bulat C** et al. Comparison of thermal damage of the internal thoracic artery using ultra high radiofrequency and monopolar diathermy. *Surgeon.* 2014 Oct;12(5):249-55.
5. Cavar M, Ljubkovic M, **Bulat C** et al. Trimetazidine does not alter metabolic substrate oxidation in cardiac mitochondria of target patient population. *Br J Pharmacol.* 2016;173(9):1529-40.