

ACTA CLINICA CROATICA

Volume 45

Number 4

Zagreb, December 2006

CONTENTS**EDITORIAL**

Vida Demarin	299
--------------------	-----

ORIGINAL SCIENTIFIC PAPERS**Changes of Cerebral Hemodynamics During Music Perception:****A Functional Transcranial Doppler Study**

Sonja Antić, Ulf Jensen, Arijana Lovrenčić-Huzjan, Vlasta Vuković, Roxana Mukhtarova, Sandra Verónica Ferreira Sáo Silva Santos, Roberto González Treviño, Miljenka-Jelena Jurašić, Sandra Morović, Vida Demarin	301
--	-----

**Analysis of Mean Blood Flow Velocities in Posterior Cerebral Arteries by Transcranial Doppler
During Visual Stimulation**

Marijana Lisak, Zlatko Trkanjec, Ivan Mikula, Vida Demarin, Anka Aleksić-Shibabi, Vlatko Šulentić	309
---	-----

**Correlation of Neurological Symptoms and Breath Holding Index Values in Patients
with Severe Internal Carotid Stenosis**

Iris Zavoreo, Anka Aleksić-Shibabi, Vida Demarin	315
--	-----

Transcranial Sonography in Movement Disorders

Mislav Budišić, Arijana Lovrenčić-Huzjan, Vlasta Vuković, Jelena Bošnjak, Zlatko Trkanjec, Anka Aleksić-Shibabi, Vida Demarin	319
--	-----

Vertebral Artery Hypoplasia: Characteristics in a Croatian Population Sample

Sandra Morović, Tatjana Škarić-Jurić, Vida Demarin	325
--	-----

REVIEWS**Neuroimaging Techniques – Improving Diagnostic and Therapeutic Options in Acute Stroke**

Vlasta Vuković, Carlos A Molina, Mark Ribo, Arijana Lovrenčić-Huzjan, Mislav Budišić, Vida Demarin	331
--	-----

Ultrasound Enhanced Thrombolysis for Stroke

Andrei V. Alexandrov	343
----------------------------	-----

**Invasive Treatment of Symptomatic Carotid Artery Stenosis – Present Status of Carotid
Endarterectomy and Carotid Angioplasty**

Iva Brčić, Günther E. Klein, Kurt Niederkorn	351
--	-----

Cerebral Vasomotor Reactivity and Carotid Occlusive Disease

Natan M. Bornstein and Alexander Y. Gur	357
---	-----

Transcranial Doppler as a Confirmatory Test in Brain Death

Arijana Lovrenčić-Huzjan, Vlasta Vuković, Krešimir Jergović and Vida Demarin	365
--	-----

Three-Dimensional Ultrasound in Cerebrovascular Evaluation

Miljenka-Jelena Jurašić, Iris Zavoreo, Vida Demarin	375
---	-----

Neurosonology in Stroke

Arijana Lovrenčić-Huzjan, Vlasta Vuković, Vida Demarin	385
--	-----

BOOK REVIEWS	403
NEWS	407
HISTORICAL REVIEW	411
INTERNET GUIDANCE	412
INSTRUCTIONS TO AUTHORS	413