

**PODRŽITE OSOBE S EPILEPSIJOM -
NOSITE LJUBIČASTO!**



"Imaš epilepsiju? Znaj da nisi sam!"
- Cassidy Megan, osnivačica Ljubičastog dana

**26. OŽUJKA
LJUBIČASTI DAN**



**Obilježavanje
Ljubičastog dana
u KBC-u Zagreb
25.03.2021.**

Purple Day

- *Cilj: edukacija obitelji, nastavnika, a posebno djece školske dobi kako bi zauzeli što pozitivniji stav prema epilepsiji u budućem životu*
- ***Destigmatizacija***
- značajni pomaci od 2008. god.
- *pomoć oboljelima da ih okolina prihvati i razumije njihovu bolest*

Felista, 20 years old
Nairobi, Kenya

Angela, 24 years old
Victoria, Australia

Laura, 9 years old
Javier, 7 years old
Madrid, Spain

Maweda, 19 years old
Raiyan, 19 years old
Yemen and Sudan

Ryan, 12 years old
Georgia, USA

S.T.A.B.L.E.,
10 to 55 years old
Shropshire, UK

Get involved! Visit
www.purpleday.org

Što je to **EPILEPSIJA?**

poremećaj funkcije mozga koji se očituje epileptičnim napadajima

50 000 000 ljudi

Širom svijeta ima epilepsiju

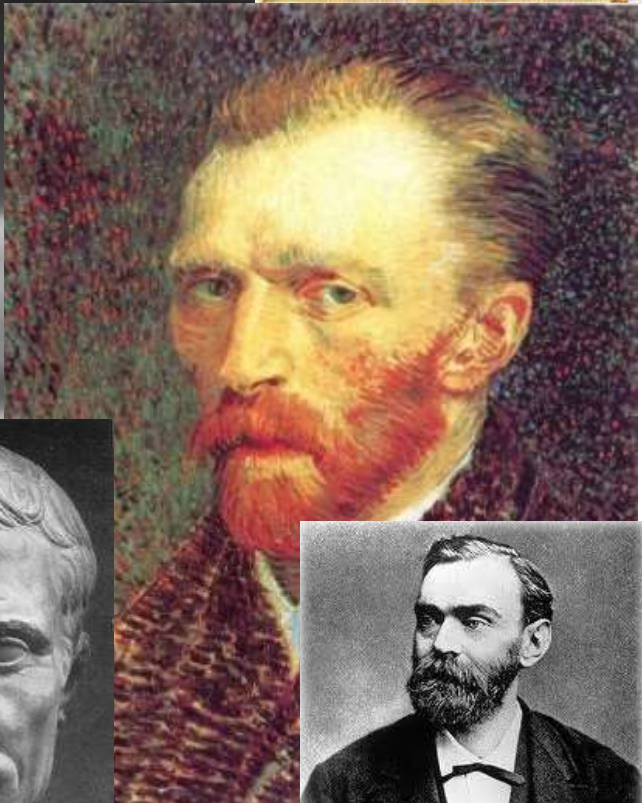
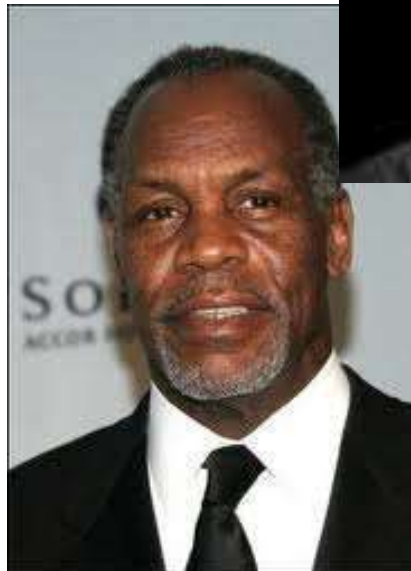


zahvaća ljude svih životnih dobi



40 000 oboljelih u Hrvatskoj

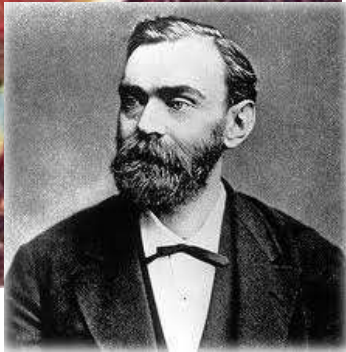
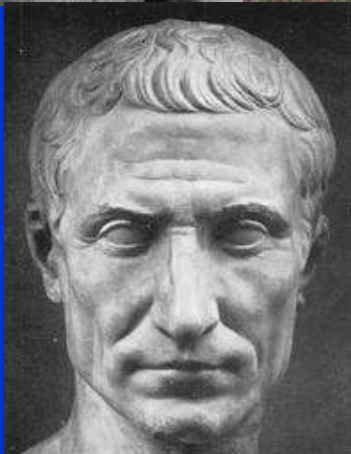
Sistemske poremećaji: hipoglikemija, hiponatrijemija, uremija, hepatska encefalopatija, intoksikacije, hipertermija, eklampsija



Prince Neil Young
 Julius Caesar
 Napoleon
 Charles V
 Charles II Spain
 Charles II England
 Peter the Great
 James Madison
 Lenin
 Pope Pius IX
 Prince John
 Tchaikovsky
 Richard Burton
 Blaise Pascal
 Alan Fancea
 DJ Hapa
 Chief Justice Roberts
 Sen. Ted Kennedy



Alfred Nobel
 Leo Tolstoy
 Lord Byr
 Dostoevsky
 Flaubert
 Bud Abbott
 Danny Glover
 Hugo Weaving
 Bobby Jones
 Margot Hemingway
 Florence Joyner
 Truman Capote
 Tony Coelho
 Chanda Gunn





“Alice's Adventures in Wonderland”

Lewis Carroll (1832 -1898)



Vincent Van Gogh: “Cafe Terrace by Night”, 1888. god

Dijagnoza epilepsije

1. Najmanje dva neprovocirana epileptična napadaja koja su se dogodila u vremenskom razmaku duljem od 24 sata.

2. Jedan neprovocirani epileptični napadaj i vjerojatnost daljnjih napadaja najmanje 60% u narednih 10 godina (bolesnici s preboljelim moždanim udarom, infekcijom središnjeg živčanog sustava, kod promjena u EEG-u, kod određenih tipova traume mozga, tumora mozga, itd.)

3. Dijagnoza epileptičnog sindroma

A practical clinical definition of epilepsy

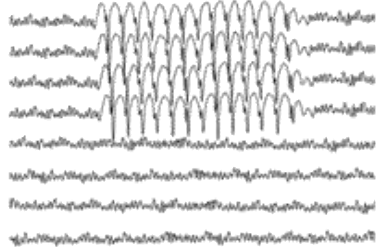
*Robert S. Fisher, †Carlos Acevedo, ‡Alexis Arzimanoglou, §Alicia Bogacz, ¶J. Helen Cross, #Christian E. Elger, **Jerome Engel Jr, ††Lars Forsgren, ‡‡Jacqueline A. French, §§Mike Glynn, ¶¶Dale C. Hesdorffer, ###B.I. Lee, ***Gary W. Mathern, †††Solomon L. Moshé, ‡‡‡Emilio Perucca, §§§Ingrid E. Scheffer, ¶¶¶Torbjörn Tomson, ###Masako Watanabe, and ***Samuel Wiebe

Klasifikacija epilepsija

1. Žarišne epilepsije



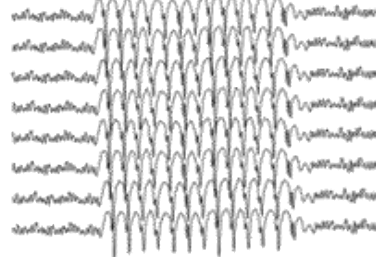
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2. Generalizirane epilepsije



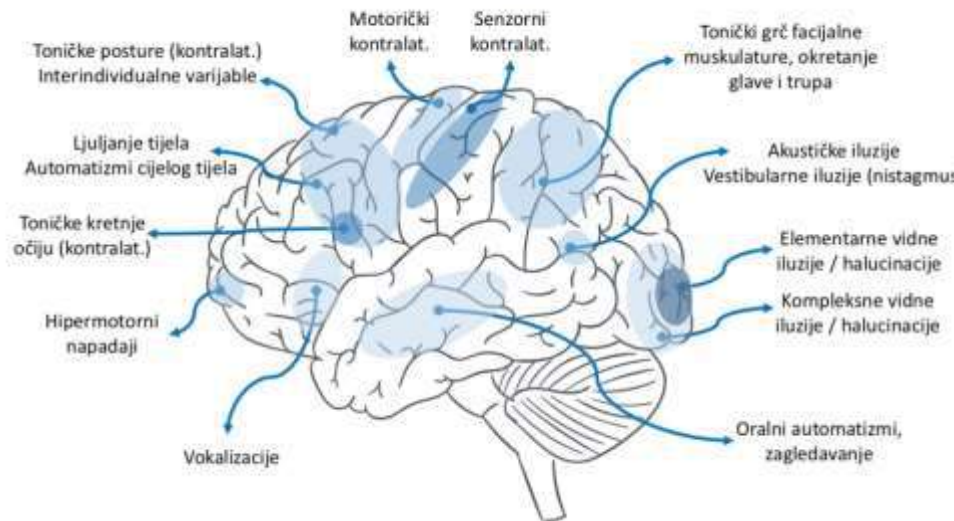
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3. Epilepsije nepoznatog početka

Specijalni epileptični sindromi

Klinička semiologija napadaja



PATOFIZIOLOGIJA EPILEPSIJE

paroksizmalni poremećaj funkcije mozga koji je rekurentan i stereotipan

stanice moždane kore -previše podražljive, reagiraju s ekscesivnim, sinkronim i, u početku, ograničenim kortikalnim neuronalnim izbijanjima

klinički - epileptični napadaji



zagledavanje



nevoljne, nesvršishodne kretnje



trzajevi

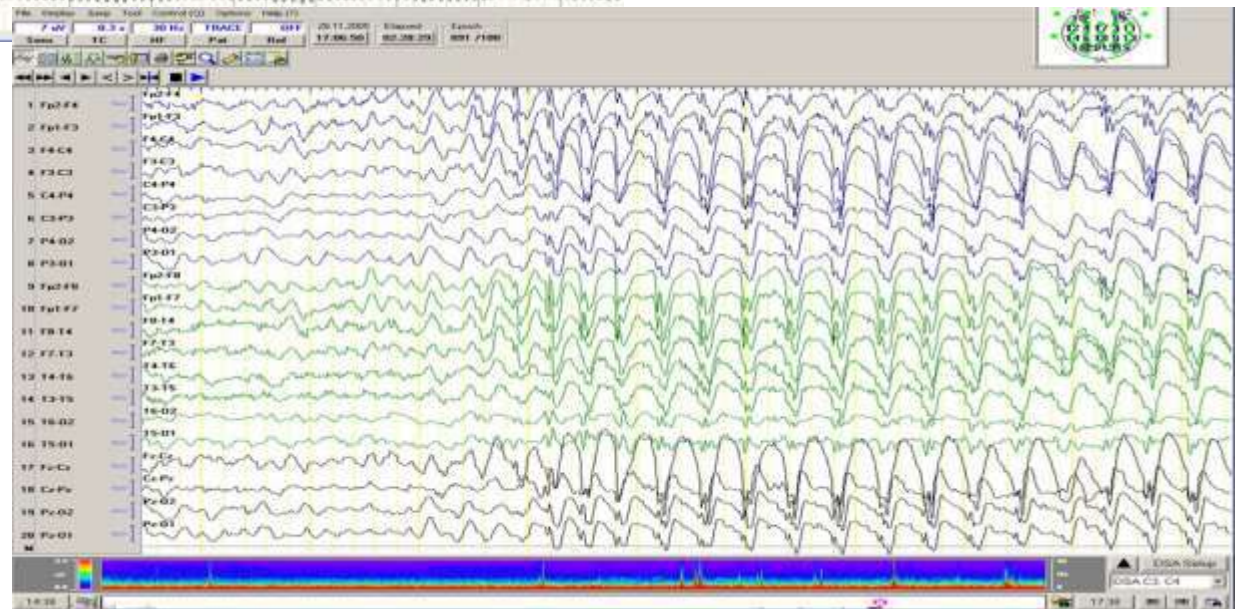
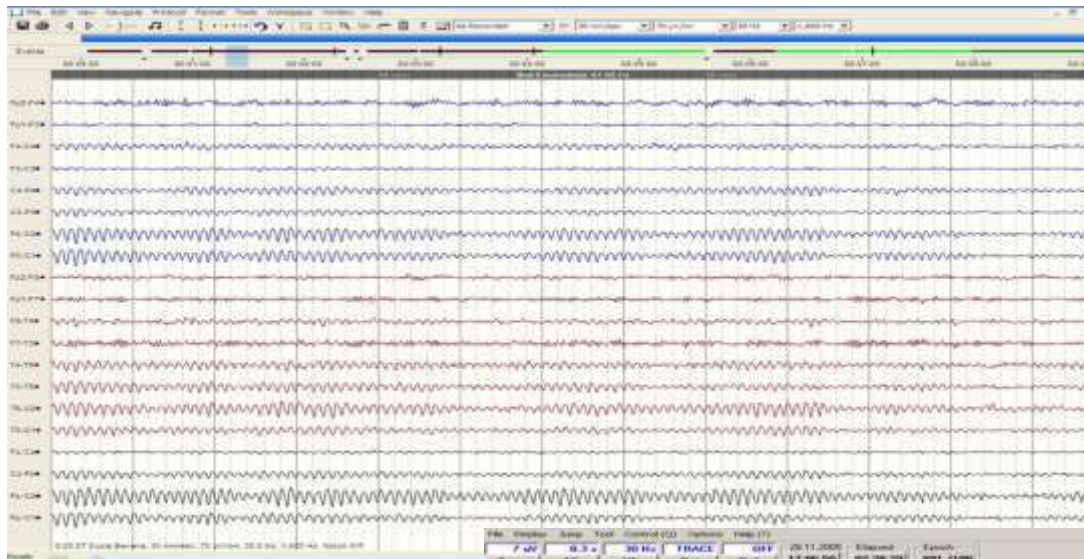


zbunjenost

VRSTE EPILEPTIČNIH NAPADA

Dijagnostika epilepsije





EEG

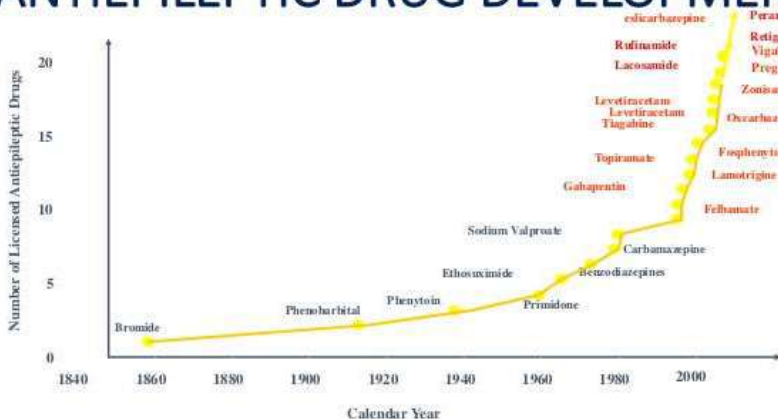
Postoji li RJEŠENJE ?



70%
NORMALAN ŽIVOT

S redovitom terapijom 70% oboljelih od epilepsije može ostvariti punu kvalitetu života

ANTIEPILEPTIC DRUG DEVELOPMENT



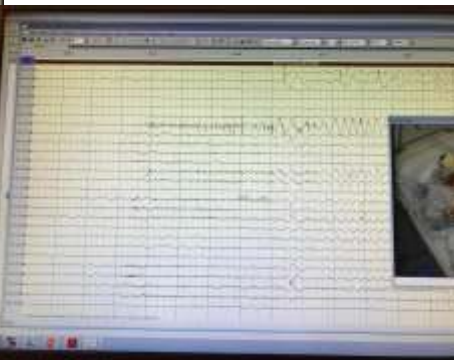
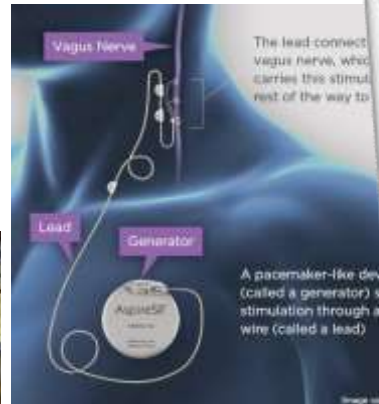
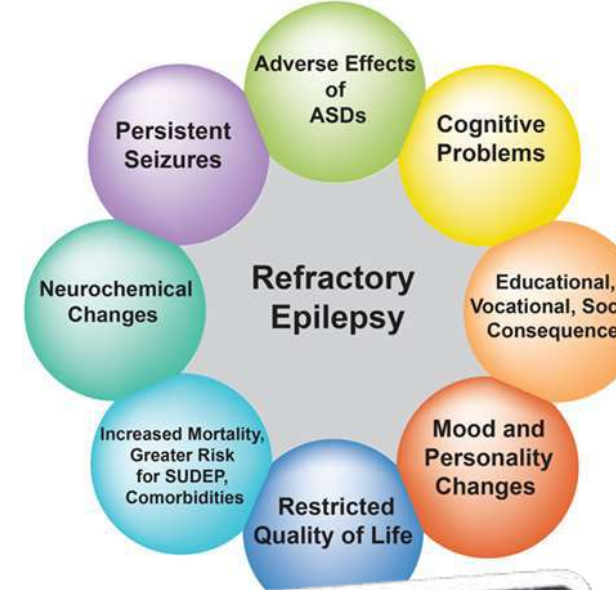
„Klasični“ (stari) antiepileptici:

fenobarbiton (PB)
metilfenobarbiton (MPB)
fenitoin (PHT)
acetazolamid (ACT)
primidon (PRM)
etosuksimid (ESC)
sultiam (SUL)
karbamazepin (CBZ)
valproati (VPA)
klonazepam (CNZ)
klobazam (CLB)
piracetam (PCT)

„Moderni“ (novi) antiepileptici:

vigabatrin (VGB)
lamotrigin (LTG)
gabapentin (GBP)
felbamat (FBM)
topiramate (TPM)
tiagabin (TGB)
okskarbazepin (OXC)
levetiracetam (LEV)
pregabalin (PGB)
zonisamid (ZNS)
rufinamid (RUF)
stiripentol (STP)
lakoamid (LCS)
eslikarbazepin-acetat (ESL)
retigabin (RTG)
perampanel (PER)
brivaracetam (BRV)

Kirurško liječenje epilepsije





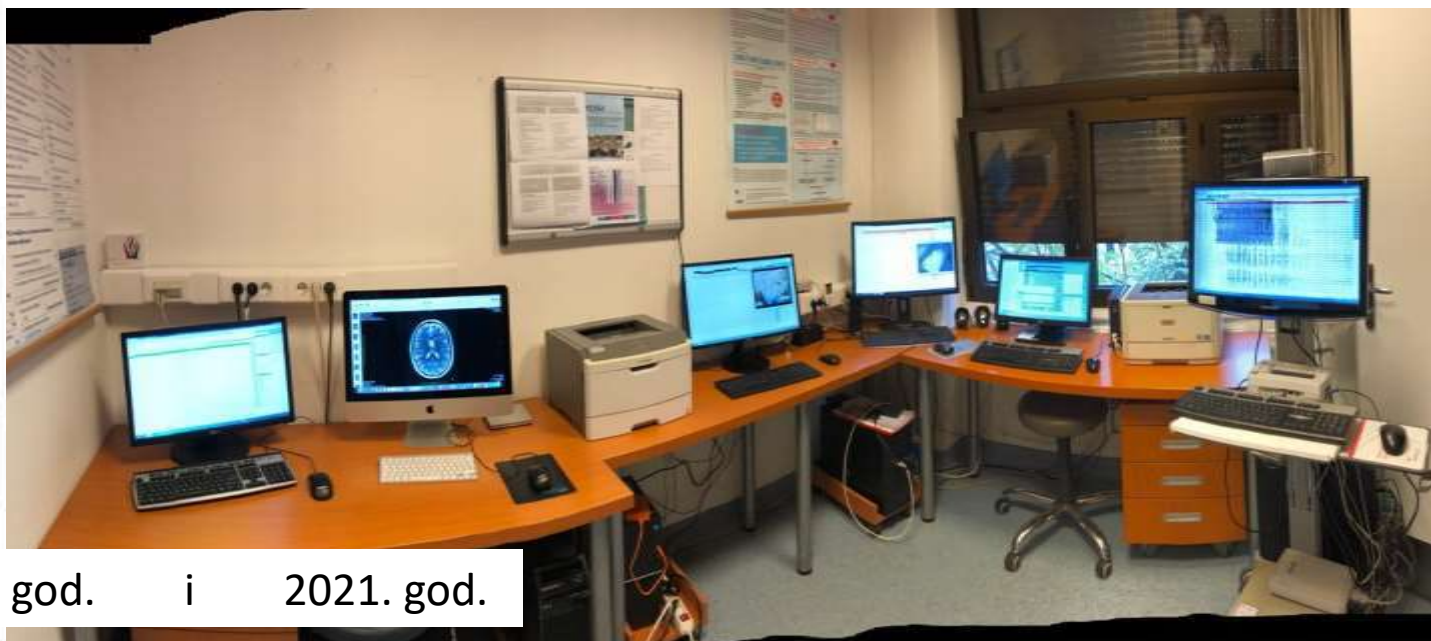
**Referentni centar Ministarstva
zdravstva RH za epilepsiju
Affiliated to ERN EpiCARE
Klinika za neurologiju Medicinskog
fakulteta u Zagrebu i KBC Zagreb**



Prof. dr. sc. Franjo Hajnšek



Prof. dr. sc. Nikola Gubarev



EEG laboratorij 1958. god. i 2021. god.

obljetnice

50 godina Centra za epilepsiju KBC-a Zagreb

U prostorijama Novinarskog doma u Zagrebu 18. je prosinca svečano obilježena 50. obljetnica Centra za epilepsiju KBC-a Zagreb, vodećeg sredista ne samo u Hrvatskoj, već i regiji za dijagnostiku i liječenje ove neurološke bolesti. U organizaciji Klinike za neurologiju KBC-a Zagreb i Referentnog centra za epilepsiju Ministarstva zdravstva i socijalne skrbi te pod pokroviteljstvom Ministarstva zdravstva i socijalne skrbi RH, ravnatelja KBC-a Zagreb akademika Željka Režnera, Grada Zagreba, Gradskog ureda za zdravstvo i branitelje, te zagrebačkog Medicinskog fakulteta, skupio su prisustvovali svi eminentni hrvatski neurolozi te mnogi visoki gosti.

referentno središte u Hrvatskoj, već da uliva ugled i u svjetskim epileptološkim krugovima. Posvetio sam posebno na svoj tim, jer smo 21. studenog 2009., kao prvi u Hrvatskoj, na pacijentici koja je kandidat za kirurško liječenje izvrši Wada test, svjetski priznat postupak za utvrđivanje lokalizacije funkcije govora i pamćenja u dominantnoj, odnosno nedominantnoj moždanoj hemisferi.

Upravo ovaj test, koji su po prvi put u Hrvatskoj izveli ispitivači - neurolozi doc. Hajnsek, doc. dr. Zdravka Poljaković i doc. Petelin Gadže te neurokirurg dr. David Ozretić - uz magnetsku rezonanciju mozga i semi-invazivno te invazivno EEG monitoringe, koristi se u sklopu preoperativne obrade bolesnika i epilepsijom kod kojih lijekovima nije postignuta zadovoljavajuća kontrola napada. Na unapređivanje dosadašnje preoperativne obrade bolesnika i upravo takvim oblicima epilepsije krenuli se kroz suradnju

s Klinikom za epileptologiju Sveučilišta u Bonniju, što predstavlja još jedno priznanje ovrme Centru.

U Europi za sada samo dva medicinska centra (u Velikoj Britaniji i u Francuskoj) koriste Nicolet Korsikalni Stimulator kao sofisticiraniji uređaj takvog tipa, koji predstavlja najnoviju inovaciju u funkcionalno EEG monitoringu. Zahvaljujući podršci Uprave KBC-a Zagreb do kraja 2009. godine i će uređaj dobiti i Centar za epilepsiju Klinike za neurologiju KBC-a Zagreb. Ovaj uređaj pruža nevidene mogućnosti obavljajući detaljan prikaz moždane kartografije (kortikalni centara za motoriku, govor i sl.) te izlazi epileptičkih napada (epileptičkih fokusa), kirurškoj sali, kod EEG monitoringa za vrijeme resekcije tumora ili kirurških zahvata kod epilepsija.

Zbog dugogodišnje vodeće uloge u liječenju i dijagnostici epilepsija, u Centru još uvijek dolaze, osim iz Hrvatske, i pacijenti iz susjednih država. Uz pročelnicu doc. Hajnsek, u Centru je zaposleno još šest specijalista neurologa: doc. Petelin Gadže, doc. Poljaković, dr. Šibila Nanković, mr. sc. dr. Borislava Radić, dr. Vlatko Šulentić i dr. Ivana Kovačević - koji sudjeluju u organiziranju i provođenju trajne edukacije specijalista neurologije u području epileptologije. U tim Centru su, također, uključeni i neurokirurg, neuroendokrinolog, psihijatar, specijalist nuklearne medicine, neuropsiholog i socijalni radnik, koji u



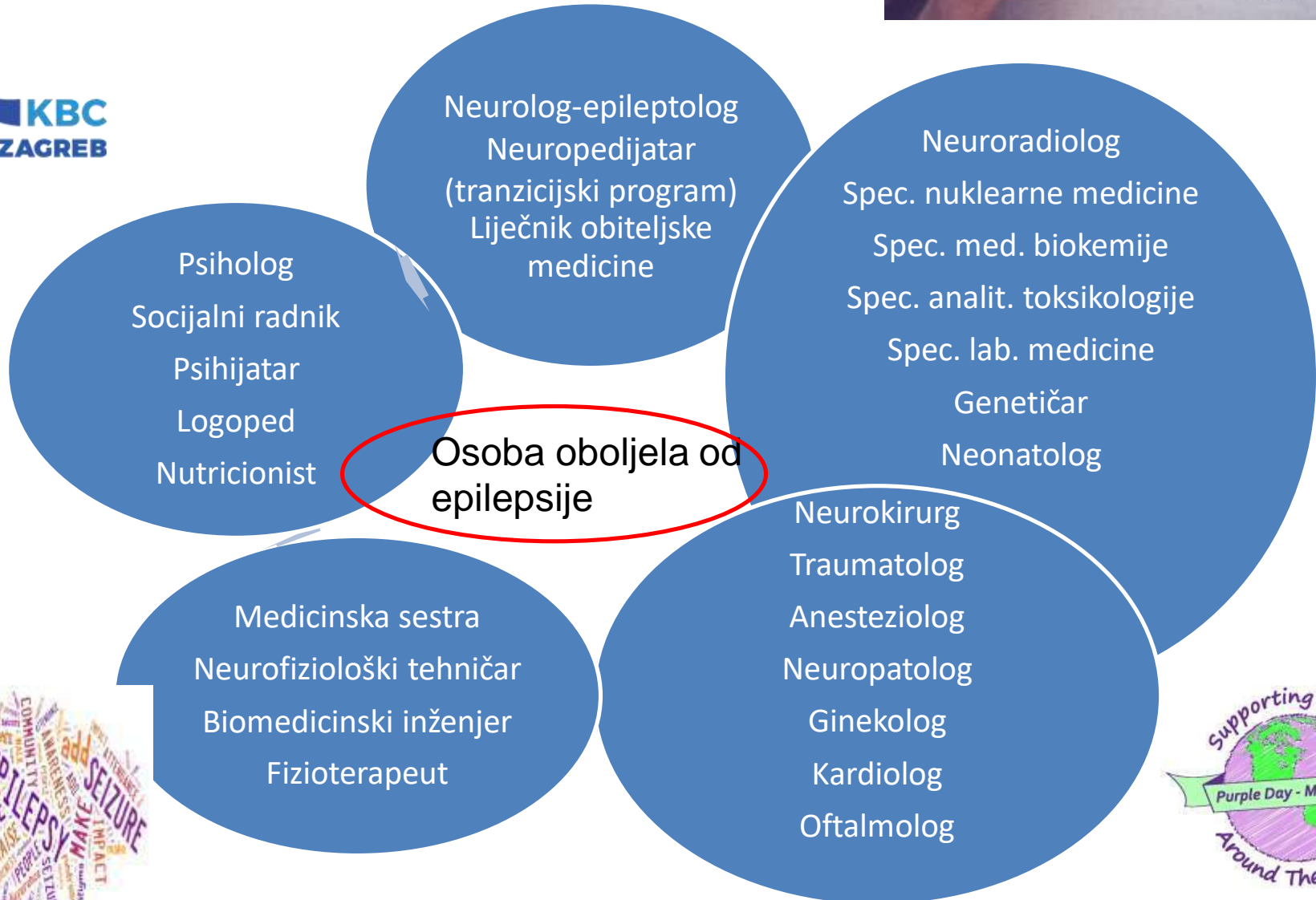
Tim Centra za epilepsiju, KBC Zagreb (s lijeva na desno):
J. Dudić, J. Poljak, S. Nanković, J. Šušnjak, B. Novosel, V. Šulentić, S. Šušnjak, M. Jovanović,
B. Gardjan, Z. Petelin Gadže, I. Kovačević, B. I. Šepar, M. Budežić, B. Radić.



2009. god.



Multidisciplinarni pristup



Suradnja s laboratorijima u Klinici za neurologiju

<i>Laboratorij za EMNG</i>	<i>Laboratorij za testiranje autonomnog živčanog sustava</i>	<i>Laboratorij za UZV</i>
<i>Laboratorij za kognitivnu i eksperimentalnu neurofiziologiju</i>	<i>Laboratorij za evocirane potencijale</i>	<i>Dnevna bolnica</i>

University Hospital Centre Zagreb, School of Medicine, University of Zagreb, Croatia

Department of Neurology

Head: Prof. Ervina Bilić, MD, PhD

Epilepsy Centre:

Assoc. Prof. Željka Petelin Gadže, MD, PhD

Prof. Zdravka Poljaković, MD, PhD

Sibila Nanković, MD

Vlatko Šulentić, MD, MSc

Andreja Bujan Kovač, MD

Petra Nimac Kozina, MD

Biljana Đapić Ivančić, MD

Assist. Prof. Magdalena Krbot Skorić, EE, PhD

Valentina Ričković, clinical psychologist

Neurophysiology technicians: Jela Dodig, Maja Jovanović,

Ruža Novosel, Jasna Pekčec, Mirjana Hudoletnjak

Epilepsy Nurses: Nikolina Hederić, Jasminka

Korenika, Anita Ljubić, Nives Šestić

Centre for Translational and Clinical Research:

Prof. Fran Borovečki, MD, PhD

Kristina Gotovac Jerčić, MD, PhD

Antonela Blažeković, MD

Department of Neuroradiology:

Assoc.Prof. Marko Radoš, MD, PhD

Assoc.Prof. Milan Radoš, MD, PhD

Assist. Prof. David Ozretić, MD, PhD

Assist. Prof. Goran Pavliša, MD, PhD

Ivan Jovanović, MD

Department of Nuclear Medicine:

Ratimir Petrović, MD

Anja Tea Golubić, MD

Department of Neurosurgery:

Assist. Prof. Goran Mrak, MD, PhD

Andrej Desnica, MD

Jakob Nemir, MD, PhD

Niko Njirić, MD

Lana Maljković, neuropsychologist

Department of Neuropathology:

Prof. Kamelija Žarković, MD, PhD

Antonija Jakovčević, MD, PhD

Department of Psychiatry and Psychological Medicine:

Assist. Prof. Saša Jevtović, M.D., Ph.D.

Maja Živković, M.D., Ph.D.

Department of Pediatrics:

Prof. Nina Barišić, MD, PhD

Branka Bunoza, MD

Ivan Lehman, MD

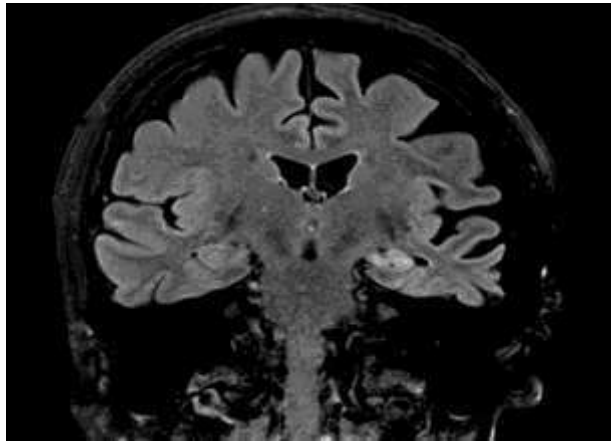
Nataša Nenadić Baranašić, MD, PhD

Department of Laboratory Diagnostics:

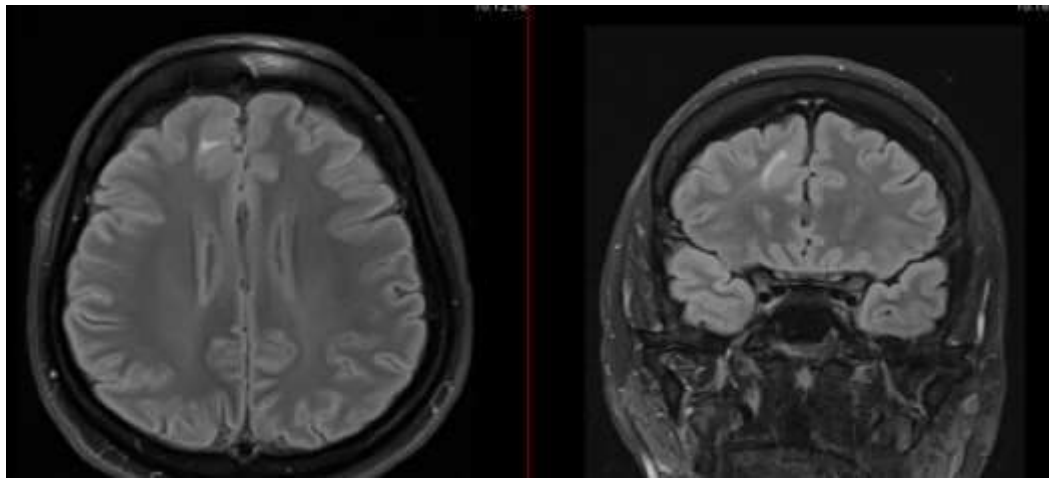
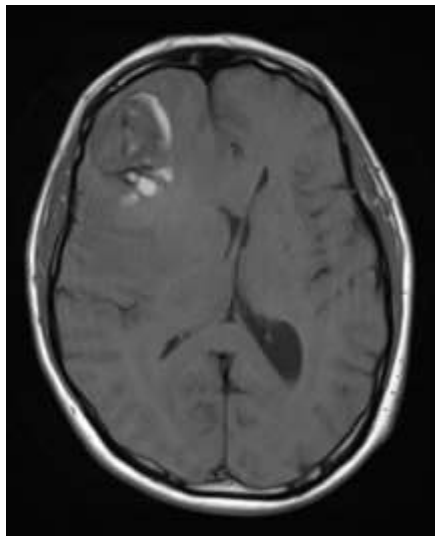
Prof. Nada Božina, MD, PhD

Assist. Prof. Mila Lovrić, PhD

Ana Kozmar, PhD



MR mozga





MAP07

Contents lists available at ScienceDirect

Clinical Neurology and Neurosurgery

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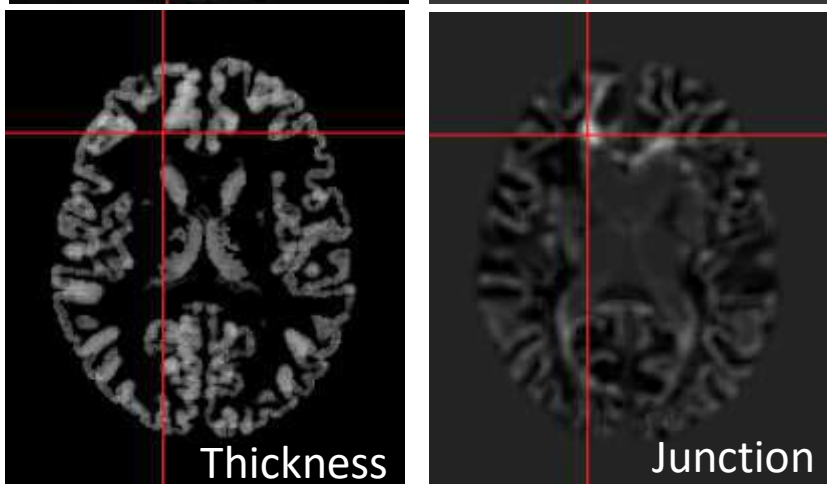
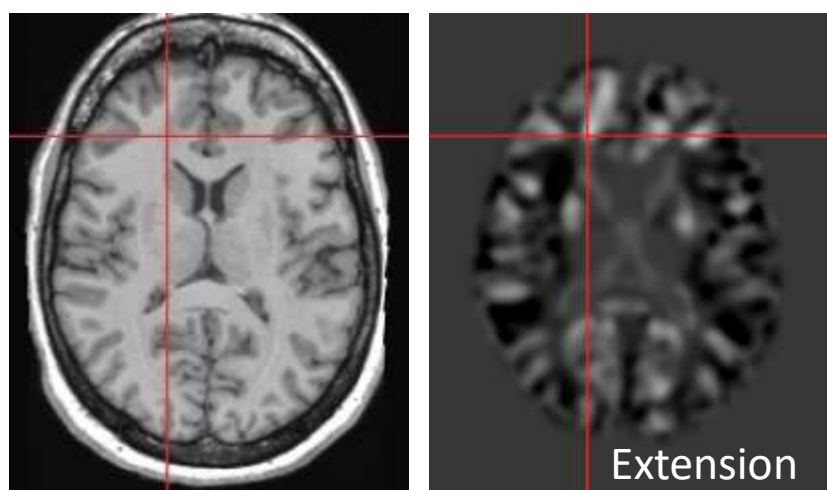
Brain MRI post-processing with MAP07 in the preoperative evaluation of patients with pharmacoresistant epilepsy – Croatian single centre experience

Andreja Bujan Kovac^{1,2,3}, Zeljka Peselin Gadze⁴, Milan Rados⁵, Magdalena Krbot Skoric^{6,7}, Goran Mrak⁸, Jakob Nemir⁹, Milan Mitošević⁶, Sanja Hajnsek^{1,10}

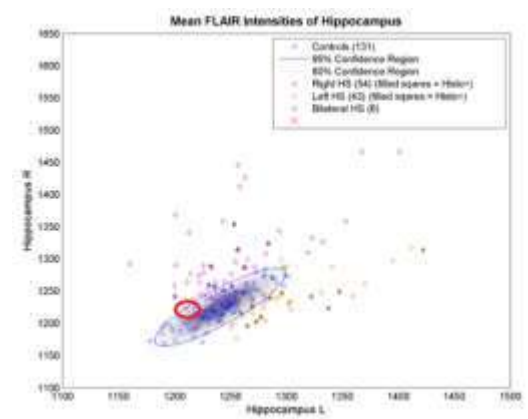
¹ Department of Neurology, University Hospital Center Zagreb, School of Medicine, University of Zagreb, Referral Centre of the Ministry of Health of the Republic of Croatia for Epilepsy, Affiliated Partner of the MIM HPCMB, Zagreb, Croatia
² Croatian Institute for Brain Research, School of Medicine, University of Zagreb, Zagreb, Croatia
³ University of Zagreb, Faculty of Electrical Engineering and Computing, Zagreb, Croatia
⁴ Department of Neurosurgery, University Hospital Center Zagreb, School of Medicine, University of Zagreb, Affiliated Partner of GURUCAM, Zagreb, Croatia
⁵ Andrija Stampar School of Public Health, Department for Environmental Health, Occupational and Sports Medicine, University of Zagreb, School of Medicine, Zagreb, Croatia
⁶ School of Medicine, University of Zagreb, Zagreb, Croatia

Brain MRI postprocessing software

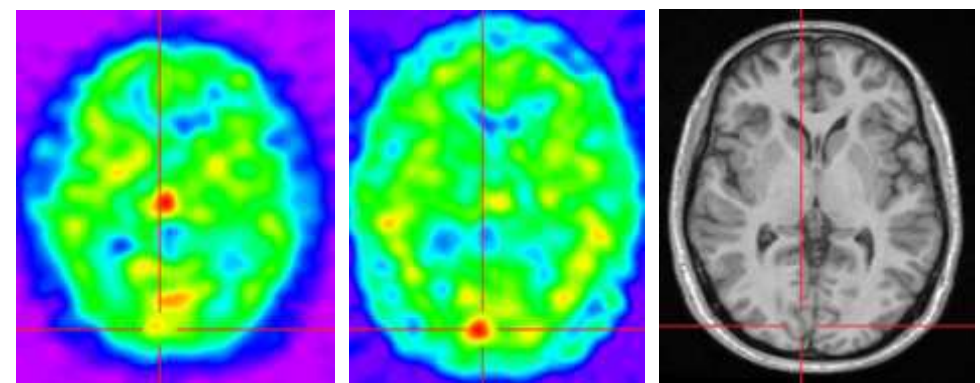
Detection of FCD and other types of MCD

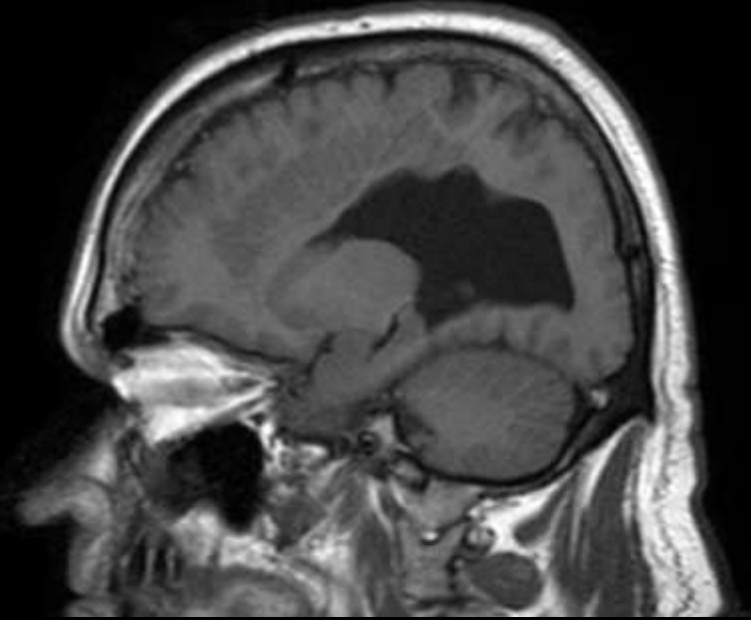


Detection of MTS



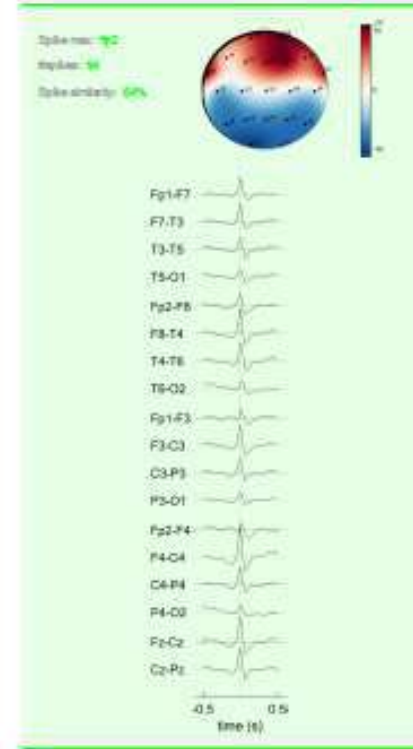
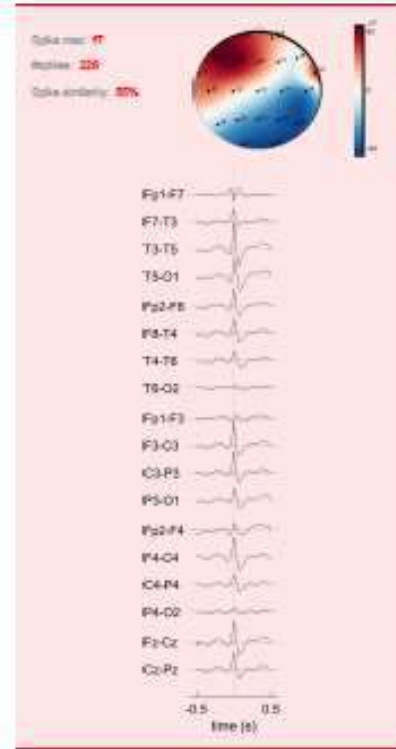
MAP07 coregistration – SPECT with MR





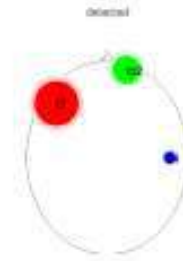
Detected Spike Clusters

Average spike of the detected clusters and corresponding 3D topography at the pole



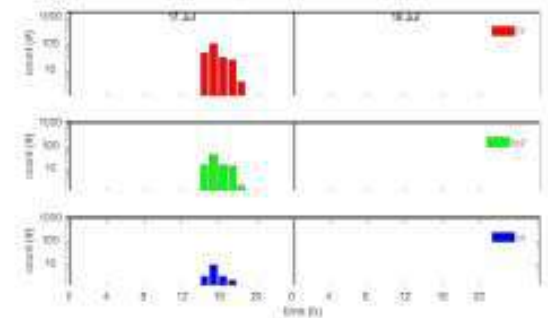
Spike Lateralization

At which electrodes most spikes were detected



Spike Timing

Timing of the detected spikes





Coll. Antropol. 35 (2011) 3: 777-777
Original scientific paper

Vagus Nerve Stimulation in the Treatment of Patients with Pharmacoresistant Epilepsy: Our Experiences

Sanja Hajnšek^{1,2}, Željka Petelin^{1,2}, Zdravka Poljaković^{1,2}, Goran Mrak², Josip Paladino³ and Andrej Desnica³

¹ University of Zagreb, School of Medicine and Zagreb University Hospital Centre, Department of Neurology, Zagreb
² Referral Centre of the Ministry of Health and Social Welfare of the Republic of Croatia for Epilepsy, Zagreb, Croatia
³ University of Zagreb, Zagreb University Hospital Centre, Department of Neurosurgery, Zagreb, Croatia

ABSTRACT

Vagus nerve stimulation (VNS) for the treatment of refractory partial epileptic seizures with or without generalisation in patients older than 12 years was approved in Europe in 1994 and in the United States in 1997. In the group of MRI negative patients 1 patient had complex partial seizures (CPS), 6 patients had CPS with generalisation, 2 patients had primary generalized epilepsy (PGE) including myoclonic, absence, atonic and tonic seizures, one patient had PGE and CPS, and 3 patients had Lennox-Gastaut syndrome (LGS). In the group of MRI positive patients one patient had elementary partial seizures (EPS) and CPS, two patients had EPS and CPS with generalisation, one patient had CPS, 3 patients had CPS with secondary generalisation, and 2 patients had secondary generalisation as well as atonic seizures. After continuous follow-up of 11 MRI negative patients and 2 MRI positive patients during one year there was decrease in mean-seizure frequency of 51.67%. A long follow-up of 9 MRI positive patients during 2 years there was decrease in mean-seizure frequency of 61.5%. Frequent side effects were hoarseness, throat pain and cough in the "on-phase" of the VNS, but they were mild. We can conclude that VNS was effective mode of therapy in our group of patients with pharmacoresistant

Key words: epilepsy, pharmacoresistance, neurosurgical treatment, vagus nerve stimulator



Seizure outcome and use of antiepileptic drugs after epilepsy surgery according to histopathological diagnosis: a retrospective multicentre cohort study

Herm J Lambeink, Willem M Otte, Ingrid Blümcke*, Kees P J Braun*, on behalf of the European Epilepsy Brain Bank writing group¹, study group², and the European Reference Network EpiCARE

Summary

Background Surgery is a widely accepted treatment option for drug-resistant focal epilepsy. A detailed analysis of longitudinal postoperative seizure outcomes and use of antiepileptic drugs for different brain lesions causing epilepsy is not available. We aimed to analyse the association between histopathology and seizure outcome and drug freedom up to 5 years after epilepsy surgery, to improve presurgical decision making and counselling.

Methods In this retrospective, multicentre, longitudinal, cohort study, patients who had epilepsy surgery between Jan 1, 2000, and Dec 31, 2012, at 37 collaborating tertiary referral centres across 18 European countries of the European Epilepsy Brain Bank consortium were assessed. We included patients of all ages with histopathology available after epilepsy surgery. Histopathological diagnoses and a minimal dataset of clinical variables were collected from existing local databases and patient records. The primary outcomes were freedom from disabling seizures (Engel class 1) and drug freedom at 1, 2, and 5 years after surgery. Proportions of individuals who were Engel class 1 and drug-free were reported for the 11 main categories of histopathological diagnosis. We analysed the association between histopathology, duration of epilepsy, and age at surgery, and the primary outcomes using random effects multivariable logistic regression to control for confounding.

Findings 9147 patients were included, of whom seizure outcomes were available for 8191 (89.5%) participants at 2 years, and for 5577 (61.0%) at 5 years. The diagnoses of low-grade epilepsy associated neuroepithelial tumour (LEAT), vascular malformation, and hippocampal sclerosis had the best seizure outcome at 2 years after surgery, with 77.5% (1027 of 1325) of patients free from disabling seizures for LEAT, 74.0% (328 of 443) for vascular malformation, and 71.5% (2108 of 2948) for hippocampal sclerosis. The worst seizure outcomes at 2 years were seen for patients with focal cortical dysplasia type 1 or mild malformation of cortical development (50.0%, 213 of 426 free from disabling seizures), those with malformation of cortical development-other (52.3%, 212 of 405 free from disabling seizures), and for those with no histopathological lesion (53.5%, 396 of 740 free from disabling seizures). The proportion of patients being both Engel class 1 and drug-free was 0–14% at 1 year and increased to 14–51% at 5 years. Children were more often drug-free; temporal lobe surgeries had the best seizure outcomes; and a longer duration of epilepsy was associated with reduced chance of favourable seizure outcomes and drug freedom. This effect of duration was evident for all lesions, except for hippocampal sclerosis.

Interpretation Histopathological diagnosis, age at surgery, and duration of epilepsy are important prognostic factors for outcomes of epilepsy surgery. In every patient with refractory focal epilepsy presumed to be lesional, evaluation for surgery should be considered.

Funding None.

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Lancet Neurol 2020; 19: 748–57

*Contributed equally
1 Members and affiliations of the writing group are listed at the end of the Article

Members of the study group are listed at the end of the Article
UMC Utrecht Brain Center, Department of Neurology and Neurosurgery, University Medical Center Utrecht and Utrecht University, Utrecht, Netherlands (H J Lambeink MD, W M Otte PhD); and Institute of Neuroepithelial Tumour, University Hospitals Erlangen, Erlangen, Germany (Prof Blümcke MD)
Correspondence to: Prof Ingrid Blümcke, Institute of Neuroepithelial Tumour, University Hospitals Erlangen, D-91054 Erlangen, Germany; ingmar.bluemcke@uk-erlangen.de



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Case Report

Vagus nerve stimulation in Lafora body disease[☆]

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ABSTRACT

Introduction: Lafora body disease (LBD) is a rare autosomal recessive dementia and frequent occipital seizures, in adult (CTCS). It belongs to the group of progressive myoclonic epilepsies with genetic and genetic differences, in pharmacoresistant disease, an adjunctive treatment option has reported cases of the utility of VNS in PBR – in O with ragged red fibers (MORF), Gerstler's disease, and in Cere presenitism. A 19-year-old male patient had progressive myoclonic epilepsy, progressive cerebellar and extrapyramidal pharmacoresistance. We confirmed the diagnosis of LBD-year follow-up period, there was a complete reduction of moderate regression of cerebellar symptomatology.
Conclusion: To our knowledge, this is the first reported case of therapy that may be considered a treatment option for different forms of patients are needed.

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Vagal nerve stimulation is beneficial orthostatic tachycardia syndrome and epilepsy

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Case Report

Vagus nerve stimulation in Lafora body disease[☆]Sanja Hajnsek^a, Zeljka Petelin Gadze^a, Fran Borovecki^b, Sibila Nankovic^a, Goran Mrak^c, Kristina Gotovac^b, Vlatko Sulentic^a, Ivana Kovacevic^a, Andreja Bujan Kovac^{a,*,2}^a University Hospital Centre Zagreb and School of Medicine, University of Zagreb, Departments of Neurology, Referral Centre for Epilepsy of the Ministry of Health of the Republic of Croatia, Brijunska 32, 10000 Zagreb, Croatia^b University Hospital Centre Zagreb and School of Medicine, University of Zagreb, Department for Functional Genetics, Centre for Translational and Clinical Sciences, Sakule 2, 10000 Zagreb, Croatia^c University Hospital Centre Zagreb and School of Medicine, University of Zagreb, Department of Neurosurgery, Kiplavinska 12, 10000 Zagreb, Croatia

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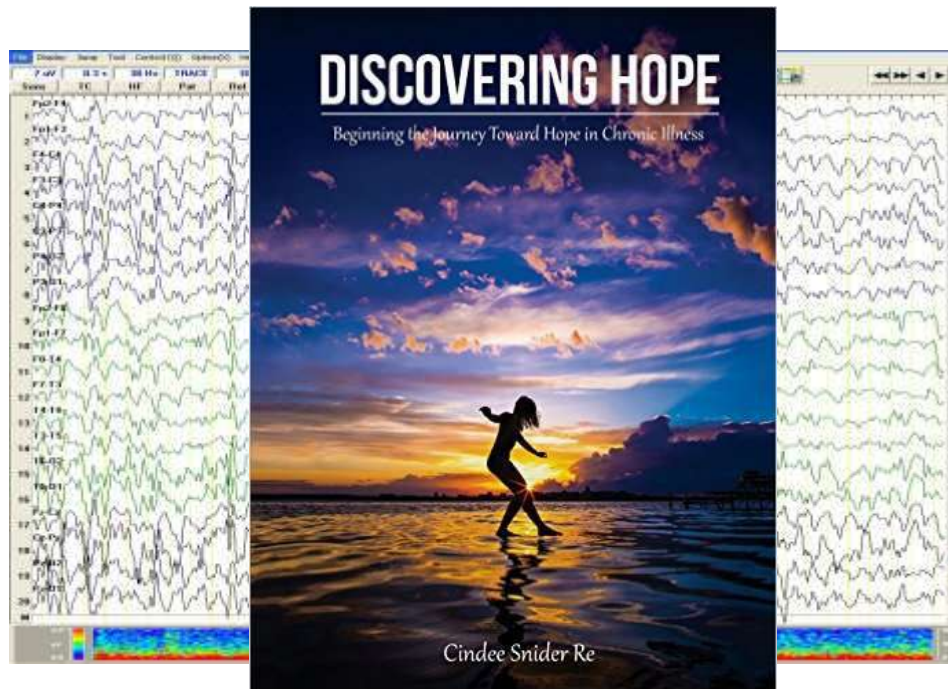
ABSTRACT

Introduction: Lafora body disease (LBD) is a rare autosomal recessive disorder characterized by progression to intractable dementia and frequent reciprocal seizures, in addition to myoclonus and generalized tonic–clonic seizures (GTCS). It belongs to the group of progressive myoclonus epilepsies (PMEs), rare inherited neurodegenerative diseases with great clinical and genetic differences, as well as poor prognosis. Since those patients have a pharmacoresistant disease, an adjunctive treatment option is vagus nerve stimulation (VNS). To date, there are five reported cases of the utility of VNS in PME – in Unsworth–Lundborg disease (ULD), myoclonic epilepsy with ragged-red fibers (MERRF), Gaucher's disease, and in one case that remained unclassified.

Case presentation: A 19-year-old male patient had progressive myoclonus, GTCS that often progressed to status epilepticus (SE), progressive cerebellar and extrapyramidal symptoms, and dementia, and his disease was pharmacoresistant. We confirmed the diagnosis of LBD by genetic testing. After VNS implantation, in the one-year follow-up period, there was a complete reduction of GTCS and SE, significant regression of myoclonus, and moderate regression of cerebellar symptomatology.

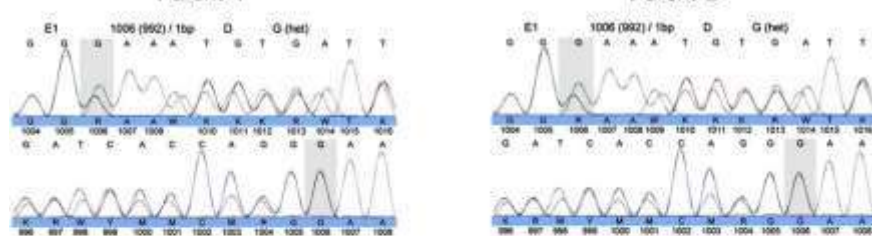
Conclusion: To our knowledge, this is the first reported case of the utility of VNS in LBD. Vagus nerve stimulation therapy may be considered a treatment option for different clinical entities of PME. Further studies with a larger number of patients are needed.

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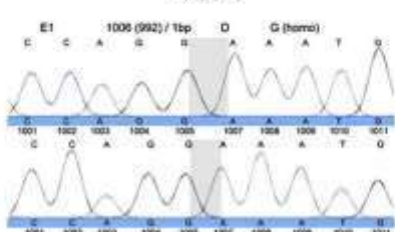


Parent 1

Parent 2



Patient



- 4/2012 – implantiran VNS (Model 103)
- 2 mA, 30-Hz signal frequency, 500-ms pulse width, 30 sec. on-time, 3 min.
- 9-godišnji period praćenja
 - potpuna redukcija generaliziranih toničko-kloničkih napadaja
 - značajna regresija mioklonizama

Dokazana homozigotna mutacija c.992delG u egzonu 1 gena EPM2B koja uzrokuje bolest Laforinih tjelešaca. Dodatne analize pokazale su u oba roditelja heterozigotnu mutaciju c.992delG.



Edukativna knjižica za bolesnike
Referentni centar Ministarstva
zdravstva RH za epilepsiju i
Hrvatska udruga za epilepsiju

Tečaj i novi sveučilišni priručnik o epilepsiji



Prof. dr. sc. Vesna Elvedi Gašparović, prof. dr. sc. Ante Čorišić i prof. dr. sc. Željka Petelin Gadže (s lijeva na desno)

najbolji način prikazu specifičnosti u dijagnostičkom i terapijskom algoritmu žena s epilepsijom, kao jednom od najučestalijih neuroloških bolesti, u adolescenciji, prije konceptijskom razdoblju te tijekom trudnoće, poroda i babinja, kao i u starijoj životnoj dobi. Posebno su istaknute nove spoznaje o utjecaju antiepileptika na razvojne anomalije fetusa, uz

učestalu neurološku bolest, a nami-

Priručnik posvećujemo našoj dragoj profesoric Sanji Hajnšek, koja nam je prenijela entuzijizam i ljubav prema epileptologiji i uvijek nas poticala da idemo naprijed.

U petak, 18. listopada 2019. godine, na Medicinskom fakultetu Sveučilišta u Zagrebu, održan je posljediplomski tečaj stalnog medicinskog usavršavanja I. kategorije "Novosti u dijagnostici i liječenju epilepsije u žena", namijenjen specijalistima neurolozima, neuroepidijarima, neonatolozima, ginekolozima, liječnicima obiteljske medicine, kao i specijalizantima navedenih struka. Voditeljice tečaja bile su prof. dr. sc. Željka Petelin Gadže s Klinike za neurologiju KBC Zagreb i prof. dr. sc. Vesna Elvedi Gašparović s Klinike za ženske bolesti i porode KBC Zagreb, a stručni skup otvorio je prof. dr. sc. Ante Čorišić, ravnatelj KBC Zagreb. Bogati program tečaja s 25 predavača koncipiran je suradnjom neurologa, ginekologa, neuroepidijarata, neonatologa, liječnika obiteljske medicine, specijalista laboratorijske medicine iz Hrvatske i Slovenije, s čijem da se na

je promocija sveučilišnog priručnika "Epilepsija – dijagnostički i terapijski pristup", koji na sveobuhvatan način na 362 stranice opisuje ovu

Mladenka Bašić, dipl. novinarka KBC Zagreb



Autori i urednici sveučilišnog priručnika "Epilepsija – dijagnostički i terapijski pristup": prim. mr. sc. Vlatko Šulentić, prof. dr. sc. Željka Petelin Gadže, prim. dr. Sibila Nanković i prof. dr. sc. Zdravka Poljaković (s lijeva na desno)

EPILEPSIJA DIJAGNOSTIČKI I TERAPIJSKI PRISTUP

Urednici: Željka Petelin Gadže, Zdravka Poljaković,
Sibila Nanković, Vlatko Šulentić



THE 14th WORLD CONGRESS ON CONTROVERSIES IN NEUROLOGY (CONy)

OCTOBER 29 - NOVEMBER 1, 2020 • VIRTUAL

All times are CET (Central European)

19:50-20:30	Should surgery be offered to patients after failure of two AEDs? <i>Capsule: Epidemiological studies suggest that drug failure is quite likely once two agents have failed to control seizures. On the other hand, the literature contains numerous reports of response to drug therapy in patients formerly considered drug resistant. Are the ILAE guidelines supported by the evidence?</i>
19:50-19:55	Introduction and Pre-Debate Voting
19:55-20:10	Yes: Zeljka Petelin Gadže , Croatia
20:10-20:25	No: Ettore Beghi , Italy
20:25-20:30	Rebuttals, Discussion and Post-Debate Voting



„Ljubičasti dan “ - prvi put u Hrvatskoj

• U svijetu se 26. ožujka obilježava kao „Purple Day“ („Ljubičasti dan“, Dan podrške oboljelima od epilepsije). Obilježavanje je pokrenuto 2008. godine na poticaj 9-godišnje djevojčice Cassidy Megan, njezinih roditelja i Društva za epilepsiju Nova Scotia, Kanada.

Cassidy je prezentirala svoju bolest i probleme pred kolegama u školi te je uz majčinu podršku pokrenuta šira akcija da 26. ožujka postane Dan podrške oboljelima i da ljubičasta boja lavande postane simbol jer je ona međunarodna boja epilepsije. Do danas je u akciju uključeno 15 zemalja diljem svijeta pre-

basadora. Zamisao je da se u je su pristupile akciji podrške rutiraju dobrovoljni ambasadori irali i promovirali „Purple Day“ i. Ove je godine prvi put takva ruta i u Hrvatskoj. Kanadsko llesiju prihvatilo je našu apli- ršteni kao ambasadori Hrvatske mpanju stručnjaci epileptolozi reb, Klinika za neurologiju, star za epilepsiju Ministarstva -doc. dr. bljaković ianković, ris Radčić, nica Vlačić iju smo o



a nječima Cassidy Megan po- i svim oboljelim od epilepsije a se ne boje govoriti o svojoj nima vezanim uz bolest. Više „Ljubičastog dana“ u svijetu www.purpleday.org.
Dr. Sibila Nanković
i doc. dr. Željka Petelin



Međunarodni dan epilepsije i Nacionalni dan oboljelih od epilepsije, veljača 2021.



Lejla Corić, dr. med.



Nivis Novak, dr. med.



Ivan Lehman, dr.med.



prof. dr. sc. Davor Igrčić, dr. med.



prof. dr. sc. Željka Petelin Gadže, dr. med.



prim. Matilda Kovač Šilgorić, dr. med.



prof. dr. sc. Maja Mulinica, dr. med.



prof. dr. sc. Igor Prpić, dr. med.



International Epilepsy Day



KAKO POMOĆI OSOBI KOJA IMA EPILEPTIČNI NAPAD?

1. Ne dozvolite da vas uhvati panika!
2. Mjerite vrijeme napadaja!
3. Spriječite tjelesne ozljede, osobito glave!
4. Osobu koja ima napadaj nakon prestanka konvulzija postavite u bočni položaj!
5. Ne pokušavajte stavljati predmete između zubiju!
6. Ne pokušavajte napadaj prekinuti sputavanjem mišićnih kontrakcija!
7. Dobro je da su u blizini samo osobe koje pružaju pomoć!
8. Za vrijeme i nakon napadaja neka vaše djelovanje i način govora budu takvi da djeluju umirujuće!
9. Ostanite uz osobu dok se u potpunosti ne oporavi!
10. Nemojte davati osobama lijekove, hranu ili piće dok nisu u potpunosti budni!





“I only wanna see you Laughing in the purple rain.....”

<https://youtu.be/EsRUAoUvP10>