

E-Poster Viewing - May 22 – 24- Exhibition Area

Allied Health Professions

- * **OCCUPATIONAL THERAPY EFFICACY ON UPPER-EXTREMITY FUNCTIONAL OUTCOMES AFTER STROKE**
A. Adomavičienė, A. Grigonytė, A. Juocevičius (Lithuania)
- * **KINECT-BASED SYSTEM IN OCCUPATIONAL THERAPY FOR HAND MOTOR FUNCTIONAL RECOVERY AFTER STROKE**
A. Adomavičienė, A. Grigonytė, A. Juocevičius (Lithuania)
- * **ONE-ON-ONE EMS EDUCATION AND FEEDBACK REDUCES DOOR TO NEEDLE TIME IN ACUTE ISCHEMIC STROKE PATIENTS**
S. Bajwa, R. Arora, S. Munder, T. Li, M. Gribko (USA)
- * **NEUROPSYCHOLOGICAL ASSESSMENT AND COMMUNITY-BASED NEUROREHABILITATION FOLLOWING STROKE – A VALID METHOD?**
A. Bloch, S. Maril, D. Hoofien, T. Shushan Salomon, T. Shany-Ur, N.M. Bornstein (Israel)
- * **STROKE SURVIVORS' ATTACHMENT ORIENTATION TOWARD A PET: ASSOCIATION WITH ACTIVITY, PARTICIPATION, AND QUALITY OF LIFE**
N. Demeter, S. Zilcha-Mano, N. Josman (Israel)
- * **LOW PHYSICAL ACTIVITY IS ASSOCIATED WITH HIGH BLOOD PRESSURE AND HIGH PLASMA GLUCOSE IN STROKE SURVIVORS AT 12 MONTHS FOLLOWING REHABILITATION**
N. Fini, J. Bernhardt, L. Churilov, A.E. Holland (Australia)
- * **EFFECTS OF FOOT WEDGE AND CARRYING WEIGHTED BAG ON LOADING THE PARETIC LOWER LIMB AFTER STROKE**
F. Hegazy, E. Aboelnasr (United Arab Emirates)
- * **CAN ASYNCHRONOUS TELEREHABILITATION ASSIST PEOPLE WITH CHRONIC APHASIA TOWARDS SELF-MANAGEMENT? PRELIMINARY FINDINGS FROM A FEASIBILITY STUDY**
A. Hill (Australia)
- * **THE COMPLEXITIES OF AN INTERVENTION TO PROMOTE PSYCHOSOCIAL WELL-BEING AFTER STROKE: IMPLICATIONS FOR TRIAL OUTCOME**
E.G. Hjelle, L. Kildal Bragstad, M. Kirkevold, B. Arnesveen Bronken, R. Martinsen, K. Kvigne, G. Kitzmüller, M. Mangset, B. Thommessen, U. Sveen (Norway)
- * **REHABILITATION OF UPPER LIMB IN STROKE PATIENTS: PILOT STUDY OF FUNCTIONAL AND NEUROMOTOR OUTCOME OF A TASK ORIENTED APPROACH INCLUDING MECFES AND ROBOTIC TREATMENT**
J. Jonsdottir, G. Perini, R. Bertoni, I. Carpinella, T. Bowman, R. Thorsen, M. Ferrarin, T. Lencioni (Italy)
- * **THE EFFECTS OF HIGH-INTENSITY INTERVAL TRAINING ON THE POST-STROKE POPULATION: A SYSTEMATIC REVIEW**
L. Madsen, K. Wendel, R. Ciancitto, M. Pascal (USA)
- * **PERSPECTIVES OF PEOPLE WITH APHASIA POST-STROKE TOWARDS PERSONAL RECOVERY AND LIVING SUCCESSFULLY: A SYSTEMATIC REVIEW AND QUALITATIVE EVIDENCE SYNTHESIS**
M.2. Manning, A. MacFarlane, A. Hickey, S. Franklin (Ireland)
- * **SUPPORTING PEOPLE WITH POST-STROKE APHASIA TO LIVE WELL: A CROSS-SECTIONAL SURVEY OF SPEECH & LANGUAGE THERAPISTS IN IRELAND**
M. Manning, C. Cuskelly, E. Russ, A. MacFarlane, A. Hickey, S. Franklin (Ireland)
- * **SUPPORTING THE MEANINGFUL PARTICIPATION OF PEOPLE WITH APHASIA TO ENHANCE THE VALIDITY AND RELEVANCE OF RESEARCH. A DESCRIPTION OF ONGOING TECHNIQUES**
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- * **RE-PURPOSING MY SELF: A GROUNDED THEORY STUDY OF YOUNG ADULTS' EXPERIENCES OF HAEMORRHAGIC STROKE**
M. Murphy, E. Gordon, T. Burke (Ireland)
- * **THE ASSOCIATION BETWEEN CONTRAVERSIVE LATEROPULSION AND OUTCOMES POST STROKE: A SYSTEMATIC REVIEW**
J. Nolan, E. Godecke, B. Singer (Australia)
- * **KNOWLEDGE AND ATTITUDES TOWARDS APHASIA**
A. Seckam, D. James, E. Katie (United Kingdom)
- * **COGNITIVE ASSESSMENT IN PATIENTS WITH POST-STROKE COMMUNICATION IMPAIRMENT - JOINT WORKING INVOLVING SPEECH AND LANGUAGE THERAPISTS IN A COMMUNITY NEUROREHABILITATION SETTING**
O. Spooner, M. McNamara, J. Friedland, A. Chandratheva, C. Walters (United Kingdom)
- * **TEC4HOME STROKE: A PILOT STUDY ASSESSING FEASIBILITY OF HOME TELEMONITORING TECHNOLOGY IN MANAGING HYPERTENSION AFTER STROKE/TIA**
K.R. Villaluna, Z.R. O'Neill, G. Maclean, P. King Azote, S. Yip, L.K. Wilson, S.K. Mann, P.A. Teal, O.R. Benavente, S. Van Gaal, K. Tran, K. Ho, J. Cordeiro, K. Halpape, T.S. Field, L.E. Kuzmuk (Canada)
- * **RETURN TO WORK AS A PROTECTIVE FACTOR OF DEPRESSION AFTER STROKE**
S. Ladwig, J. Mayer, K. Werheid (Germany)

Atrial Fibrillation, Cardioembolism & Heart-Brain Interactions

- * **ATRIAL CARDIOPATHY AND ATRIAL FIBRILLATION IN CRYPTOGENIC STROKE: THE PATHOGENIC ROLE OF INFLAMMATION.**
M. Acampa, P.E. Lazzarini, F. Guideri, R. Tassi, A. Cartocci, C. Domenichelli, M. Bongiorno, G. Martini (Italy)
- * **MOTOR PERFORMANCES IN PATIENTS WITH ATRIAL FIBRILLATION AND POSSIBLE ASSOCIATIONS WITH DIFFERENT TYPES OF VASCULAR BRAIN LESIONS: PRELIMINARY DATA FROM STRAT-AF STUDY**
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- * **LEFT ATRIAL APPENDAGE OCCLUSION IN CEREBRAL AMYLOID ANGIOPATHY WITH MINIMAL ANTITHROMBOTIC THERAPY: A CASE SERIES AND SYSTEMATIC REVIEW**
J. Best, R. Ang, D. Harding, P. MacCallum, A. Salek-Haddadi, O. Segal, D. Werring (United Kingdom)
- * **TREATMENT STRATEGY IN PATIENTS WITH CRYPTOGENIC STROKE AND PFO. A RETROSPECTIVE SINGLE-CENTER STUDY**
J. Tejada García, L.L. Binela Lezama, E. Solanas Letosa, G. Rodrigo Stevens, A. Pérez de Prado, T. Benito González, G. Flores, R. De la Fuente Blanco, L. García-Tuñón, I. Beltrán Rodríguez, C. Riveira Rodríguez, O. Durán Borrella (Spain)
- * **SAFETY OF EARLY TREATMENT WITH EDOXABAN IN PATIENTS WITH ISCHAEMIC STROKE AND ATRIAL FIBRILLATION: PRELIMINARY DATA.**
V. Brunetti, A. Broccolini, P. Caliendo, G. Della Marca, R. Di Iorio, G. Frisullo, M. Monforte, R. Morosetti, C. Piano, F. Pilato, P. Profice (Italy)
- * **BODY MASS INDEX, TRIGLYCERIDE AND CREATININE ARE INDEPENDENT PREDICTORS OF OCCURENCE OF STROKE IN PATIENTS ADHERENT WITH NOVEL ORAL ANTICOAGULANT FOR NON-VALVULAR ATRIAL FIBRILLATION**
M. Ching, C. Zhang, Y.R. Koh, H. Shah, A. Kandel (USA)
- * **IMPLEMENTATION OF ATRIAL FIBRILLATION OPPORTUNISTIC SCREENING IN PEOPLE 60 YEAR-OLD: RESULTS, BARRIERS AND ENABLERS (AFOSS PROSPECTIVE STUDY)**

J.L. CLUA-ESPUNY, J. Ballesta-Ors, M. Blasco-Mulet, E. Muria-Subirats, B. Lorman-Carbo, L. Queralt-Tomas, A. Gonzalez-Henares, J.M. Carrera-Ortiz (Spain)

* **RIVAROXABAN'S IMPACT ON RENAL OUTCOMES IN PATIENTS WITH NON-VALVULAR ATRIAL FIBRILLATION: THE RIVAL STUDY**

C. Coleman, Professor, R. Kreutz, N. Sood, T. Bunz, D. Eriksson, A.K. Meinecke, W. Baker (USA)

* **AUTOMATED CONTINUOUS ELECTROCARDIOGRAM MONITORING TO DETECT ATRIAL FIBRILLATION AFTER ISCHEMIC STROKE ON A HYPER ACUTE STROKE UNIT : THE ACEM-AF STROKE STUDY**

L. D'Anna, Z. Brown, K. Harvey, S. Banerjee, K. Eleni, A. Kar, R. Veltkamp (United Kingdom)

* **CEREBRAL CORTICAL MICROINFARCTS: A NOVEL MRI MARKER OF CEREBROVASCULAR DISEASE IN PATIENTS WITH HEART FAILURE**

D. Ferro, J. De Bresser, E. Bron, H.P. Brunner-La Rocca, A. Hooghiemstra, B. Van Rossum, G.J. Biessels (The Netherlands)

* **ALERT ON**

P. Fiori, A. Corbo, G. Corbo, L. Iorillo, G. Capaldo, G. Bellizzi, F. Botticella, C. Dragonetti, A. Morella, V. Pellecchia, C. Pelosi, P. Savino, M. Alberico, G. Benigni, E. Pace, S. Landi, L.M. Giannetti, C. Tammara, A. Monaco (Italy)

* **NON ECG-GATED CARDIAC CT-ANGIOGRAPHY FOR DETECTION OF CARDIO-AORTIC SOURCES OF EMBOLISM IN THE ACUTE PHASE OF ISCHEMIC STROKE**

V. Guglielmi, R.N. Planken, C. Muhl, J.E.A. Staals, J.M. Coutinho, A.A. Postma (The Netherlands)

* **PREVALENCE OF SYSTOLIC, DIASTOLIC DYSFUNCTION AND HEART FAILURE IN ACUTE ISCHAEMIC STROKE: THE SICFAIL (STROKE INDUCED CARDIAC FAILURE IN MICE AND MEN) COHORT STUDY**

P. Heuschmann, S. Wiedmann, D. Mackenrodt, V. Rücker, A. Quilitzsch, K. Ungethüm, F.A. Montellano, T. Ludwig, P. Kraft, C. Morbach, S. Frantz, S. Störk, K.G. Haeusler, C. Kleinschnitz (Germany)

* **THE RISK OF STROKE AMONG PATIENTS WITH ATRIAL FIBRILLATION WHO HAVE ACTIVE CANCER**

J.Y. Hsu, P.S. Liu, A.B. Liu (Taiwan R.O.C.)

* **PATIENTS WITH ATRIAL FIBRILLATION SIGNIFICANTLY OVEREXPRESS FIBRIN-BINDING PLATELET SURFACE RECEPTOR GPVI-DIMER. A FUTURE ANTI-THROMBOTIC TARGET?**

I. Induruwa, P. Thomas, H. McKinney, C. Kempster, J. Batista, W. Ouwehand, R. Farndale, K. Downes, M. Moroi, S. Jung, E. Warburton (United Kingdom)

* **LONG TERM CARDIOEMBOLIC STROKE MORTALITY IN LATVIAN POPULATION DEPENDING ON PATIENTS FUNCTION OUTCOME AT DISCHARGE FROM 2014 TO 2017**

K. Jurjāns, J. Vetra, E. Miglane, O. Kalejs, Z. Priede, A. Millers (Latvia)

* **SECONDARY PREVENTION FOR STROKE BY DIRECT ORAL ANTICOAGULANTS (DOACS) IN PATIENTS WITH ATRIAL FIBRILLATION AND CANCER**

T. Kanzawa, T. Uesugi, A. Sato, M. Tunoda, B. Mihara (Japan)

* **DIAGNOSTIC YIELD OF ATRIAL FIBRILLATION DETECTION BY IMPLANTABLE CARDIAC MONITORING IN PATIENTS WITH CRYPTOGENIC STROKE AND EMBOLIC STROKE OF UNDETERMINED SOURCE:SYSTEMATIC REVIEW AND META-REGRESSION ANALYSIS**

A. Katsanos, PhD, M. Köhrmann, V. Caso, F. Perren, L. Palaiodimou, S. Defftereos, S. Giannopoulos, J. Ellul, C. Krogias, D. Mavridis, S. Triantafyllou, A. Alexandrov, P. Schellinger, A. Alexandrov, G. Tsivgoulis (Greece)

* **COMPARATIVE SAFETY AND EFFECTIVENESS OF NON-VITAMIN-K ORAL ANTICOAGULANTS VS PHENPROCOUMON IN PATIENTS WITH NON-VALVULAR ATRIAL FIBRILLATION AND RENAL DISEASE - RESULTS FROM THE RELOADED STUDY**

H. Bonnemeier, R. Kreutz, S. Kloss, D. Enders, D. Häckl, N. Schmedt (Germany)

* **COMPARATIVE SAFETY AND EFFECTIVENESS OF NON-VITAMIN-K ORAL ANTICOAGULANTS VS PHENPROCOUMON IN PATIENTS WITH NON-VALVULAR**

ATRIAL FIBRILLATION AND DIABETES - RESULTS FROM THE RELOADED STUDY

H. Bonnemeier, R. Kreutz, S. Kloss, D. Enders, D. Häckl, N. Schmedt (Germany)

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DIFFERENT APPROACHES TO ESTIMATE THE DOSE OF VITAMIN-K ANTAGONISTS IN COMPARATIVE EFFECTIVENESS STUDIES COMPARING NON-VITAMIN-K ORAL ANTICOAGULANTS VS PHENPROCOUMON - RESULTS FROM THE RELOADED STUDY

H. Bonnemeier, R. Kreutz, S. Kloss, D. Enders, D. Häckl, N. Schmedt (Germany)

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CARDIOEMBOLIC STROKE AND NON-VALVULAR ATRIAL FIBRILLATION: THROMBODYNAMICS TEST FINDINGS

I. Koltsov, M. Martynov, A. Yasamanova, I. Shchukin, M. Fidler, O. Brusow, P. Kirillov, I. Kolchu (Russia)

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PREDICTION OF OCCULT PAROXYSMAL ATRIAL FIBRILLATION IN PATIENTS WITH TIA AND NON-DISABLING STROKE

S. Lyons, G. Yiin, N. Lovett, M. Kubiak, P.M. Rothwell (United Kingdom)

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CEREBRAL ISCHEMIA IN PATIENTS ON DIRECT FACTOR XA-INHIBITORS: INAPPROPRIATE DOSE-REDUCTION IS ASSOCIATED WITH LOWER PLASMA LEVELS AND HIGHER STROKE SEVERITY

K. Macha, S. Stoll, A. Marsch, G. Siedler, K. Fröhlich, B. Volbers, E. Strasser, S. Schwab, B. Kallmünzer (Germany)

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ASSOCIATION BETWEEN ECHOCARDIOGRAPHIC DIASTOLIC FUNCTION PARAMETERS AND FUTURE NONVALVULAR ATRIAL FIBRILLATION IN ISCHEMIC STROKE PATIENTS

M.M. Manea, A.M. Dobri, D. Dragoş, C. Popa, S. Tuţă (Romania)

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STROKE AND TRANSIENT ISCHEMIC ATTACK INCIDENCE IN PATIENTS AFTER BIOPROSTHETIC AORTIC VALVE REPLACEMENT

M. Marín Gracia, D. Cantero Lozano, A. Lopez Bravo, M.P. Navarro Pérez, E. Garcés Anton, C. Tejero Juste, C. Perez Lázaro (Spain)

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INSULAR-NON INSULAR STROKE UNDERLYING CARDIAC FAILURE (INSU COR): A PROSPECTIVE CASE-CONTROL STUDY

F.A. Montellano, K. Ungethüm, A. Elhfnawy, D. Mackenrodt, A. Frey, V. Rücker, T. Ludwig, A. Quilitzsch, C. Morbach, M. Pham, F. Fluri, P. Kraft, S. Störk, J. Volkmann, K.G. Haeusler, P. Heuschmann (Germany)

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DETECTION OF ATRIAL FIBRILLATION AND CONSEQUENT SECONDARY STROKE PREVENTION IN 2009. VS. 2016. – WHAT HAS CHANGED?

V. Padijen, N. Borozan, I. Berisavac, M. Ercegovic, P. Stanarcevic, M. Stefanovic Budimkic, T. Svabic Medjedovic, M. Arsenijevic, L. Beslac Bumbasirevic, D.R. Jovanovic (Serbia)

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ATRIAL CARDIOPATHY AND ISCHEMIC STROKE: A MECHANISM UNVEILED BY ULTRASOUND

A. Palmieri, C. Kulyk, F.R. Vodret, A. Pieroni, F. Viaro, M. Kaps, C. Baracchini (Italy)

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ATRIAL CARDIOPATHY IN SUBJECTS WITH PAROXYSMAL ATRIAL FIBRILLATION COMPARED WITH AGE- AND GENDER-MATCHED HEALTHY CONTROLS, POPULATION-BASED COHORT.

B. Piccardi, M.G. D'Alfonso, A. Di Carlo, M. Baldereschi, L. Bellino, D. Consoli, F. Mori, A. Zaninelli, A. Cattarinussi, S. Ceccherini, B.M. Polizzi, G. Pracucci, D. Inzitari (Italy)

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DISTRIBUTION OF CARDIOEMBOLIC STROKE - A COHORT STUDY

R. Pierik, A. Algra, E. Van Dijk, M. Erasmus, I. Van Gelder, P. Koudstaal, G.J. Luijckx, P. Nederkoorn, R. Van Oostenbrugge, Y. Ruigrok, T. Scheeren, M. Uyttenboogaart, M. Visser, M. Wermer, W. Van den Bergh (The Netherlands)

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PREDICTION AND DETECTION OF OCCULT ATRIAL FIBRILLATION IN PATIENTS AFTER ACUTE CRYPTOGENIC STROKE AND TRANSIENT ISCHEMIC ATTACK (PROACTIA)

O.M. Rønning, L. Skrebelyte-Strøm, H. Kjekshus, K. Steine (Norway)

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“PSEUDO-FAILURE” OF DIRECT ORAL ANTICOAGULANTS IS MORE LIKELY THAN “TRUE FAILURE” FOR NONVALVULAR ATRIAL FIBRILLATION PATIENTS WITH ISCHEMIC STROKE

D.Z. Rose, X. Yi, A. Beltagy (USA)

- * **RISK FACTORS FOR CEREBROVASCULAR COMPLICATIONS IN PATIENTS WITH LEFT VENTRICULAR ASSIST DEVICE: EXPERIENCE IN A SINGLE ACADEMIC COMPREHENSIVE STROKE CENTER**
F. Saleh Velez, J.G. Ortiz, F. Goldenberg (USA)
- * **ISCHEMIC STROKE AND ADVANCED INTERATRIAL BLOCK. EXPERIENCE IN A TERTIARY HOSPITAL**
A. Sánchez, J.M. Vieitez, V. Ros Castello, E. Natera Villalba, A. Gomez Lopez, G. Alonso Salinas, J. Masjuan Vallejo (Spain)
- * **UNDER AND OVERDOSAGE OF NOAC PRESCRIPTION IN ATRIAL FIBRILLATION IN PRIMARY CARE**
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- * **ETIOLOGY AND SECONDARY PREVENTION OF ACUTE ISCHEMIC STROKE IN PATIENTS WITH HEART FAILURE**
G. Siedler, K. Sommer, M. Arnold, T. Engelhorn, K. Macha, L. Breuer, S. Schwab, B. Kallmünzer (Germany)
- * **PRE-STROKE ANTICOAGULANT USAGE PRACTICES IN ATRIAL FIBRILLATION RELATED ISCHEMIC STROKES IN ANKARA, TURKEY**
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- * **PREDICTING NEWLY DIAGNOSED ATRIAL FIBRILLATION AFTER ISCHEMIC STROKE BASED ON A NATIONWIDE COHORT**
S.F. Sung, C.Y. Hsieh, M. Lee (Taiwan R.O.C.)
- * **CLINICALLY AVAILABLE BIOMARKERS AS PREDICTORS OF ATRIAL FIBRILLATION IN PATIENTS WITH CRYPTOGENIC STROKE THE NORDIC ATRIAL FIBRILLATION AND STROKE STUDY (NOR-FIB)**
A. Tancin Lambert, MD, B. Ratajczak-Tretel, B. Halvorsen, B. Vigdis, D. Russell, E.C. Sandset, H. Ihle-Hansen, E. Eriksen, H. Næss, V. Novotny, A. Netland Khanevski, T.C. Truelsen, K.L. Ægidius, T. Idicula, H. Tobro, S.B. Krogseth, H. Ihle-Hansen, G. Hagberg, C. Kruuse, K. Arntzen, G.K. Bakkejord, G. Eldøen, R. Shafiq, A. Gulsvik, M. Kurz, M. Rezai, J. Sørmark, S.H. Tingvoll, C. Jonassen, S. Ingebrigtsen, L. Hofsøy Steffensen, C. Kremer, G. Høie, D. Atar, A.H. Aamodt (Norway)
- * **ESTABLISHMENT AND CLINICAL EVALUATION OF A NOVEL METHOD TO MEASURE APIXABAN IN PATIENTS WITH ATRIAL FIBRILLATION USING DRIED BLOOD SPOT SAMPLE COLLECTION**
S.C. Tang, R.S. Jhang, S.Y. Lin, Y.F. Peng, J.S. Jeng, C.H. Kuo (Taiwan R.O.C.)
- * **PREDICTIVE FACTORS OF ATRIAL FIBRILLATION IN PATIENTS' BASAL ELECTROCARDIOGRAM WITH EMBOLIC STROKE OF UNDETERMINED SOURCE**
A. López-Bravo, M. Marín-Gracia, D. Cantero-Lozano, P. Revilla-Martí, M.P. Navarro-Pérez, S. Santos-Lasaosa, C. Tejero-Juste, C. Pérez-Lázaro (Spain)
- * **YIELD OF IMPLANTABLE CARDIAC MONITORING FOR ATRIAL FIBRILLATION DETECTION AND STROKE RECURRENCE IN PATIENTS WITH CRYPTOGENIC STROKE: A CASE-CONTROL STUDY**
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- * **PROLONGED CARDIAC RHYTHM MONITORING AND SECONDARY STROKE PREVENTION IN PATIENTS WITH CRYPTOGENIC CEREBRAL ISCHEMIA: A SYSTEMATIC REVIEW AND META-ANALYSIS**
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- * **CARDIAC DYSFUNCTION AND FUNCTIONAL OUTCOME ONE YEAR AFTER ISCHAEMIC STROKE: PRELIMINARY RESULTS OF THE SICFAIL (STROKE INDUCED CARDIAC FAILURE IN MICE AND MEN) COHORT STUDY**
K. Ungethüm, F.A. Montellano, V. Rücker, A. Quilitzsch, D. Mackenrodt, S. Wiedmann, T.

Ludwig, P. Kraft, C. Morbach, S. Frantz, S. Störk, K.G. Häusler, C. Kleinschnitz, P.U. Heuschmann (Germany)

* **CLINICAL OUTCOMES AMONG NON-VALVULAR ATRIAL FIBRILLATION PATIENTS WITH RENAL DYSFUNCTION TREATED WITH WARFARIN OR REDUCED DOSE RIVAROXABAN**

T. Vaitsiakhovich, C.I. Coleman, F. Kleinjung, S. Kloss, S. Werner, B. Schaefer (Germany)

* **THE ADDITIONAL VALUE OF AN AUTOMATED DETECTION ALGORITHM FOR ATRIAL FIBRILLATION AT THE STROKE UNIT**

G. Van der Maten, G. Plas, M. Meijs, P. Brouwers, M. Brusse-Keizer, H. Den Hertog (The Netherlands)

* **THE DIAGNOSTIC AND THERAPEUTIC YIELD OF TRANSTHORACIC ECHOCARDIOGRAPHY IN 474 PATIENTS WITH ISCHEMIC STROKE OR TIA OF UNDETERMINED CAUSE**

G. Van der Maten, J. Reimer, M. Meijs, C. Von Birgelen, M. Brusse-Keizer, H. Den Hertog (The Netherlands)

* **THE UTILITY OF MEASURING LEFT ATRIAL VOLUME FOR THE PREDICTION OF PAROXYSMAL ATRIAL FIBRILLATION**

N. Watanabe, F. Konoeda, H. Satoh, J. Nakahara (Japan)

* **AN RCT TO DETERMINE IF SCREENING FOR PAROXYSMAL ATRIAL FIBRILLATION REDUCES STROKE AND MORTALITY: THE SAFER PROGRAMME-SCREENING FOR ATRIAL FIBRILLATION WITH ECG TO REDUCE STROKE**

K. Williams, J. Mant, J. Burt, S. Griffin, R. Hobbs, R. McManus, A. Dymond, M. Sweeting, E. Wilson (United Kingdom)

* **DETECTION OF HIDDEN ATRIAL FIBRILLATION IN PRIMARY CARE WITH A WEARABLE LONG-TERM ECG REGISTRATION SYSTEM IN POPULATION AT RISK: THE DESCUBRE-FA STUDY. PRELIMINARY RESULTS**

Á. Ximénez-Carrillo, G. Zapata-Wainberg, A.P. Javierre, R. Sastre, M.J. Álvarez, B. González, M. Sobrado, J. Vivancos (Spain)

Brain Reorganisation and Recovery

* **EVIDENCE FOR TIME-LIMITED NEUROPLASTICITY IN HUMANS AFTER ISCHAEMIC STROKE**

D. Austin, R. Greenwood, J. Rothwell (United Kingdom)

* **FLUOXETINE ADJUNCT TO THERAPEUTIC EXERCISE PROMOTES MOTOR RECOVERY IN RATS WITH CEREBRAL ISCHEMIA: ROLES OF NUCLEUS ACCUMBENS**

Y. Hua, C. Li, J. Hu, Y. Wang, P. Liu, B. Gao, C. Chen, D. Xu, B. Zhang, Y. Bai (China)

* **QUANTITATIVE EEG ANALYSIS DURING AN ACTIVE HAND-GRASPING TASK IN ACUTE ISCHEMIC STROKE AS A POTENTIAL PREDICTOR OF FUNCTIONAL RECOVERY**

F. Giatsidis, M. Vilela, C.J. Chu, A.M. Cloutier, T. Hosman, D.J. Lin, M. Diomedì, L.R. Hochberg (USA)

* **DIFFERENTIAL RESPONSES TO DUAL SEH INHIBITORS/PPAR γ AGONISTS IN CEREBRAL ENDOTHELIAL AND GLIOMA CELLS**

R.I. Kestner, F. Mayser, R. Vutukuri, L. Hansen, R. Brunkhorst, W. Pfeilschifter (Germany)

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- * **IMAGING LEPTOMENINGEAL COLLATERALS BASED ON SIGNAL VARIANCE IN PERFUSION MRI IN ACUTE LARGE VESSEL OCCLUSION: AN INDEPENDENT**

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A. Seiler, A. Lauer, R. Deichmann, U. Nöth, J. Berkefeld, E. Herrmann, O.C. Singer, W. Pfeilschifter, J. Klein, M. Wagner (Germany)

* **LARGE VESSEL ACUTE ISCHEMIC STROKE: PROGNOSTIC VALUE OF COLLATERALS VESSELS STATUS WITHIN THE THERAPEUTIC WINDOW FOR ACUTE TREATMENT**

G. Sferruzza, G. Schwarz, M. Vabanesi, A. Giordano, P. Panni, F. Scmazzone, G. Giacalone, M. Filippi, L. Roveri (Italy)

* **RELATIONSHIP BETWEEN MRI ASPECTS AND INFARCT SIZE IN ACUTE ISCHEMIC STROKE**

C. Simonsen, M. Rasmussen, L. Sørensen, A. Yoo (Denmark)

* **E-ASPECTS AND RAPID IN THE EVALUATION OF ISCHEMIC CORE IN ACUTE STROKE PATIENTS (HELSINKI STROKE REGISTRY)**

O. Suomalainen, S. Curtze, A. Abou Elseoud (Finland)

* **CLINICAL UTILITY OF 320-DETECTOR ROW COMPUTED TOMOGRAPHY IN THE EVALUATION OF MOYAMOYA DISEASE**

H. Tajiri, K. Mizokami, A. Hashimoto, T. Mizuno, M. Endo, O. Seiki (Japan)

* **OUTCOMES OF THROMBECTOMY WITHIN 6 HOURS IN PATIENTS NOT MEETING CT PERFUSION DEFUSE-3 CRITERIA**

B. Taylor, J. Wang, F. W. Lou, J. Hartman, M. Mossa-Basha, W.T. Longstreth Jr, D. Tirschwell, L (USA)

* **AUTOMATED LARGE VESSEL OCCLUSION DETECTION FOR PATIENTS WITH ACUTE ISCHEMIC STROKE**

M. Tolhuisen, E. Ponomareva, M.S. Koopman, I.G.H. Jansen, A.M.M. Boers, C.B.L.M. Majoie, H.A. Marquering (The Netherlands)

* **PERFUSION PATTERNS IN STROKE-MIMICS: THE PRISM STUDY**

A. Gonzalez Martinez, S. Trillo Senin, C. Benavides Bernaldo de Quiros, L. Casado Fernandez, I. Muro Garcia, M. De Toledo Heras, A.B. Gago Veiga, A. Barbosa del Olmo, R. Manzanares Soler, J.A. Vivancos Mora (Spain)

* **COLLATERAL CIRCULATION ASSESSMENT USING PATHS IMPROVES OUTCOME PREDICTION COMPARED WITH OTHER SCALES IN MCA THROMBECTOMY TREATED PATIENTS**

S. Trillo Senin, C. Aguirre, M.C. Ramos, S. Bashir, J.L. Caniego, E. Bárcena, C. Díaz-Pérez, P. Alcántara, Á. Ximénez-Carrillo, F. Nombela, J. Vivancos (Spain)

* **NORMAL BASELINE CT PERFUSION PREDICTS SMALLER INFARCT VOLUMES AND BETTER FUNCTIONAL OUTCOME WITH INTRAVENOUS THROMBOLYSIS IN CLINICAL LACUNAR SYNDROME**

M.Y.D. Tse, A. Demchuk (Canada)

* **TISSUE VIABILITY SCORE COMBINING ASPECTS AND COLLATERAL VESSEL STATUS PREDICTS TREATMENT OUTCOME IN ACUTE ISCHEMIC STROKE WITH LARGE VESSEL OCCLUSION**

M. Vabanesi, G. Schwarz, A. Giordano, G. Sferruzza, G. Giacalone, F. Simionato, M. Filippi, L. Roveri (Italy)

* **BASELINE BRAIN IMAGING SIGNS IN ISCHEMIC PATIENTS BY PRESENCE OF ATRIAL FIBRILLATION: THE ENCHANTED TRIAL**

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* **DETECTION OF EARLY CEREBRAL CORTICAL ISCHEMIA USING MONOENERGETIC IMAGES COMPARED TO CONVENTIONAL POLYENERGETIC IMAGES**

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* **PATIENT SELECTION USING PERFUSION IMAGING VS TIME FROM ONSET: A COMPARISON OF EARLY OUTCOMES**

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- * **THE APPLICATION OF BRAIN IMAGING FOR THE PATIENTS WITH SUSPECTED STROKE IN THE RHÔNE AREA: CURRENT STATUS AND THE FACTORS RELATED TO THE INITIAL CHOICE**

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- * **THROMBOLYSIS OUTCOMES IN ACUTE ISCHEMIC STROKE BY FLAIR HYPERINTENSE ARTERIES IN THE ENCHANTED TRIAL**

Z. Zhou, S. Yoshimura, C. Delcourt, R. Lindley, S. You, A. Malavera, T. Torii-Yoshimura, C. Carcel, X. Wang, X. Chen, M. Parsons, A. Demchuk, J. Wardlaw, G. Mair, T. Robinson, J. Chalmers, J. Xu, C. Anderson (Australia)

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- * **UNDERLYING MECHANISMS OF VESSEL-WALL DAMAGE AFTER MECHANICAL THROMBECTOMY: A 3-TESLA HIGH-RESOLUTION MRI STUDY**

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- * **AUTOMATED MULTI-FEATURE QUANTIFICATION OF PLAIN CT IN ACUTE STROKE**

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- * **PLAQUE NEOVESSELS DETECTED WITH CONTRAST-ENHANCED ULTRASOUND ARE ASSOCIATED WITH INFLAMMATION MEASURED WITH 18-FDG POSITRON-EMISSION TOMOGRAPHY IN PATIENTS WITH ISCHEMIC STROKE AND CAROTID ATHEROSCLEROSIS**

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- * **AUTOMATED INFARCT DEFINITION USING A VOLUME-DEPENDENT MACHINE LEARNING APPROACH**

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- * **INFLUENCE OF RISK OF OBSTRUCTIVE SLEEP APNEA ON CEREBRAL VASOREACTIVITY IN PATIENTS WITH STROKE.**

R. Castelo Branco, T. Cerqueira Silva, M. Bazzo Catto, P.R. Sampaio Peixoto de Sousa, R. Martins Maia, L. Medeiros Porto, B. Martinelli Menezes Gonçalves, C. Barbosa Pereira, P.J. Ramiro Muiños, L. Souza Brito Santos, M. Araújo Oliveira, I. Ferreira Felix, M.E. Lisboa Marques, A. Lima Andrade, J. Oliveira-Filho, MD- MS- PhD (Brazil)

- * **RELATIONSHIPS OF SYMPTOM AGGRAVATION WITH LESION LOCATION AND VOLUME ENLARGEMENT IN SMALL ISCHEMIC STROKE DEVELOPED IN BASAL GANGLIA AND PONS**

H. Chang, J.Y. Kim, K.W. Jeon, Y.K. Hyon, C.Y. Ahn, T.Y. Ha, J. Kim (Republic of Korea)

- * **HYPERPERFUSION POST-RECANALISATION IS CONFINED TO INFARCTED TISSUE: A LONGITUDINAL VOXEL-BASED ANALYSIS**

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- * **HOW MANY PATIENTS ARE ELIGIBLE FOR THROMBECTOMY IN THE FIRST 24 HOURS AFTER STROKE?**

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- * **PREDICTION OF INTRAPLAQUE HEMORRHAGE ON FAT-SUPPRESSED T1-WEIGHTED IMAGING**

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- * **ULTRASONOGRAPHY EVALUATION AFTER ENDOVASCULAR RECANALIZATION THERAPY: USEVERT STUDY**

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* **EVOLUTION OF CHOROID PLEXUS VOLUME AFTER HUMAN ISCHEMIC STROKE**
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* **GRADIENT BOOSTING IN AUTOMATIC DETERMINATION OF HEMOGLOBIN SPECIMEN IN INTRACEREBRAL HEMORRHAGE**
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* **DYNAMICS OF ARTERIAL SPIN LABELING PERFUSION MRI AND COGNITIVE PERFORMANCE AFTER REVASCLARIZATION OF CAROTID ARTERY STENOSIS**
M. Heinze (Germany)

* **ACCURACY OF INTRACEREBRAL HEMORRHAGE VOLUME CALCULATION: COMPARISON BETWEEN MANUAL VOLUME SEGMENTATION AND FULLY AUTOMATIC COMPUTERISED METHODS**
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* **COLOR DOPPLER IMAGING OF ORBITAL VESSELS IN THE DIAGNOSIS OF ANTERIOR ISCHEMIC OPTIC NEUROPATHIES**
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* **DEVELOPMENT OF A STROKE POPULATION SPECIFIC ANATOMICAL CT BRAIN ATLAS – A TOOL TO STANDARDISE CLINICAL RESEARCH AND IMPROVE STROKE OUTCOME PREDICTION**
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* **VULNERABLE CAROTID PLAQUES IN SYMPTOMATIC CAROTID STENOSIS INDUCE INTRACRANIAL VASOMOTOR REACTIVITY**
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* **FUNCTIONAL IMAGING BIOMARKERS PREDICTING UPPER LIMB RECOVERY FROM SEVERE MOTOR IMPAIRMENT AFTER STROKE**
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* **PROGNOSTIC RELEVANCE OF LONGITUDINAL LESION MEASURES BASED IN MULTIMODAL IMAGING IN ACUTE ISCHEMIC STROKE PATIENTS TREATED WITH MECHANICAL THROMBECTOMY**
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* **INFLUENCE OF INFARCT GROWTH ON CT-PERFUSION BASED DEFINITIONS OF INFARCT CORE**
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* **GREY AND WHITE MATTER-SPECIFIC THRESHOLDS FOR OPTIMISING THE DEFINITION OF INFARCT CORE IN CT-PERFUSION**
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* **CEREBRAL VASOMOTOR REACTIVITY IN CHRONIC INSOMNIA**
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* **DIAGNOSIS OF CHRONIC CEREBRAL VENOUS SINUS THROMBOSIS WITH MAGNETIC RESONANCE BLACK BLOOD THROMBOSIS IMAGING TECHNIQUE: COMPARISON WITH CE-T1-MPRAGE AND CE-MRV**
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* **USEFULNESS OF THE OPTIC NERVE SHEATH DIAMETER IN PATIENTS WITH MALIGNANT MEDIA INFARCTION**
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* **EFFECT OF ANTITHROMBOTIC THERAPY ON CEREBRAL MICROBLEEDS AT 1-YEAR FOLLOW-UP IN PATIENTS AFTER ISCHEMIC STROKE: A PRELIMINARY DATA**

H. Magerova, A. Olserova, P. Jansky, I. Sarbochova, V. Sulc, D. Kala, J. Otahal, P. Marusic, A. Tomek (Czech Republic)

* **NEURORADIOLOGICAL CHARACTERISTICS OF PATENT FORAMEN OVALE RELATED STROKE**

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* **DIAGNOSTIC VALUE OF INTRACRANIAL TIME-OF-FLIGHT-MRA TO PREDICT EXTRACRANIAL CAROTID STENOSIS IN ACUTE ISCHEMIC STROKE OR TRANSIENT ISCHEMIC ATTACK**

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* **MIGRAINE, STROKE PATENT FORAMEN OVALE**

M. Pradeep, A. Saleem, E. Deepak (India)

* **PROGNOSTIC VALUE OF ULTRASONOGRAPHIC STUDY AND MONITORIZATION OF INTRACRANIAL HEMORRHAGE IN ACUTE STROKE UNIT.**

M. Rico, L. Martínez-Rodríguez, D. Larrosa, L. Benavente, E. López-Cancio, J. Calvo, S. Calleja (Spain)

* **ENLARGEMENT OF OPTIC NERVE ASSESSED BY RETROBULBAR COLOUR DOPPLER SONOGRAPHY CORRELATES TO INTRACEREBRAL HAEMORRHAGE VOLUME**

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* **VASODILATATION AND BLOOD-BRAIN BARRIER LEAKAGE OF THE LENTICULOSTRIATE ARTERIES IN STROKE PATIENTS TREATED WITH MECHANICAL THROMBECTOMY**

S. Rudilosso, S. Amaro, X. Urra, V. Obach, A. Renu, L. Llull, C. Laredo, Á. Chamorro (Spain)

* **ASSOCIATIONS OF BASELINE DWI LESIONS WITH LESION WORSENING ON FOLLOW-UP DWI IN ACUTE ISCHEMIC STROKE**

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* **PERFORMANCE OF DIFFERENT CAROTID STENOSIS ULTRASOUND CRITERIA IN PATIENTS WITH CONTRALATERAL CAROTID OCCLUSION. A CASE SERIES**

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* **ALTERATIONS OF COGNITIVE PERFORMANCE AND BRAIN PERFUSION AS ASSESSED BY CONTRAST ENHANCED MRI IN REVASCULARIZATION OF CAROTID ARTERY STENOSIS.**

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* **DO WE NEED TO DO FOLLOW-UP IMAGING AFTER ACUTE ISCHEMIC STROKE TREATMENT TO MAKE THERAPEUTIC DECISIONS?**

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* **RECRUITMENT OF PIAL COLLATERALS IN CEREBRAL LARGE-ARTERY STENO-OCCLUSIVE DISEASE IS ASSOCIATED WITH HEMODYNAMIC FAILURE AND MICROSTRUCTURAL CORTICAL TISSUE DAMAGE**

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* **SPATIO-TEMPORAL TOPOLOGY OF THE POST-CONTRAST SIGNAL ENHANCEMENT IN NORMAL-APPEARING WHITE MATTER 1-3 MONTHS POST-STROKE**

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- * **BLOOD-FLOW PULSATILITY VARIATION ALONG THE CAROTID ARTERY INCLUDING CROSSING THE EXTRACRANIAL-INTRACRANIAL BORDER**
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- * **CAROTID ATHEROSCLEROSIS PREDICTS MIDDLE CEREBRAL ARTERY PULSATILITY INDEX: DATA FROM THE AKERSHUS CARDIAC EXAMINATION (ACE) 1950 STUDY**
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- * **AUTOMATIC MAPPING OF VASCULAR ISCHEMIA WITH DEEP LEARNING TECHNIQUES IN ACUTE ISCHEMIC STROKE**
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- * **CEREBRAL HAEMODYNAMIC PREDICTORS OF CHANGES IN CEREBROVASCULAR REACTIVITY FOLLOWING CAROTID ANGIOPLASTY AND STENTING**
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- * **HYPERGLYCEMIA AND INTRAVENTRICULAR DISSECTION IN PATIENTS WITH SPONTANEOUS INTRACEREBRAL HEMORRHAGE: SHOULD WE CONSIDER A BIDIRECTIONAL ASSOCIATION?**
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- * **HEMOSTASIS BIOMARKERS IN THE PROGNOSIS OF NON-TRAUMATIC INTRACEREBRAL HEMORRHAGE**
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- * **MANAGEMENT OF ANTICOAGULANTS AND FOLLOW-UP OF INTRACEREBRAL HEMORRHAGE IN PATIENTS WITH MECHANICAL HEART VALVE: A FRENCH COHORT.**
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- * **GENETIC POLYMORPHISM OF APOLIPOPROTEIN E IN HEMORRHAGIC STROKE: STUDY CASE-CONTROL**
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- * **GENOME-WIDE TRANSCRIPTOME ANALYSIS USING RNA-SEQ REVEALS A LARGE NUMBER OF DIFFERENTIALLY EXPRESSED GENES IN THE LATER PHASE AFTER INTRACEREBRAL HEMORRHAGE.**

T. Cao, B. Wu, D. Zhong, Q. Zhu, Y. Yan (China)

- * **INTRACRANIAL HEMORRHAGE AS INITIAL PRESENTATION OF CEREBRAL VENOUS SINUS THROMBOSIS: A CASE SERIES OF FOUR PATIENTS**

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- * **TRANSCRANIAL DOPPLER AND HEMATOMA EXPANSION IN ACUTE SPONTANEOUS PRIMARY INTRACEREBRAL HEMORRHAGE: A SINGLE CENTER STUDY**

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- * **PATIENTS TREATED WITH PERCUTANEOUS LEFT ATRIAL APPENDAGE CLOSURE AFTER INTRACEREBRAL HAEMORRHAGE. SAFETY DATA AND STROKE RECURRENCE AT 2 YEARS FOLLOW-UP**

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- * **DEEP LEARNING FOR AUTOMATED SEGMENTATION OF HEMATOMA AND PERIHEMATOMAL EDEMA VOLUMES IN SUPRATENTORIAL INTRACEREBRAL HEMORRHAGE**

R. Dhar, Y. Chen, R. Noche, E.P. Kirsch, J. Acosta, Z. King, T.M. Gill, A. Hamzehloo, A. Ruiz, J.M. Lee, K.N. Sheth, G.J. Falcone (USA)

- * **PROPHYLACTIC ANTIEPILEPTIC TREATMENT MIGHT MODIFY OUTCOME IN PATIENTS WITH SPONTANEOUS LOBAR INTRACEREBRAL HEMORRHAGE**

C. Díaz Pérez, S. Trillo, J. Villacieros-Álvarez, E. De la Fuente, J. Cebrián, P. Alcántara Miranda, C. Ramos Martín, C. Aguirre, L. Martínez-Vicente, I. Muro, Á. Ximénez-Carrillo, J. Vivancos (Spain)

- * **HEADS UP OR HEADS DOWN? INTERNATIONAL PERSPECTIVES ON HEAD OF BED POSITION FOR INTRACEREBRAL HEMORRHAGE IN THE POST-HEADPOST ERA**

W. Dusenbury, M. Malkoff, D. P. Schellinger, M. Kohrmann, A. Arthur, L. Eljovich, A. Alexandrov, V. A. Alexandrov, W (USA)

- * **WHITE MATTER HYPERINTENSITIES IN PATIENTS WITH CEREBRAL AMYLOID ANGIOPATHY AND CEREBELLAR INVOLVEMENT.**

P. Gavriiliuc, N. Yaghmour, M. Gavriiliuc, M. Gomori, C. Jose, R. Leker (Moldova)

- * **COMPARABLE MORTALITY AFTER VITAMIN-K ANTAGONIST- VERSUS NON-VITAMIN-K ORAL ANTICOAGULANT RELATED INTRACEREBRAL HEMORRHAGE – A POPULATION-BASED STUDY**

J.L.G. Grundtvig, C. Ovesen, T. Christensen, C. Kruuse, H.K. Iversen, A. Lilja-Cyron, J.R. Marstrand, K.L. Ægidius, P. Meden, I.B. Havsteen, T. Steiner, H. Christensen (Denmark)

- * **HYPERACUTE SPONTANEOUS INTRACEREBRAL HEMORRHAGE DURING CT SCANNING**

B. Gunda, P. Böjti, I. Sipos, D. Bereczki, A. Varga, L. Kozák (Hungary)

- * **DIFFERENTIATING NEUROIMAGING AND CLINICAL OUTCOMES ACROSS ANTITHROMBOTIC-ASSOCIATED INTRACEREBRAL HEMORRHAGE**

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- * **INCIDENCE OF INTRACEREBRAL HAEMORRHAGE IN DENMARK BASED ON DATA FROM A NATIONWIDE STROKE REGISTRY**

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* **VALIDATION OF A NEW SCALE ALLOWING SYSTEMATIC EVALUATION OF INTRAPROCEDURAL PATIENT COMFORT DURING THROMBECTOMY**

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* **SELF-REPORTED INTRAPROCEDURAL PATIENT COMFORT DURING THROMBECTOMY WITHOUT PRIOR SEDATION**

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* **ASSOCIATION BETWEEN FUNCTIONAL OUTCOME AND TIME TO ENDOVASCULAR REPERFUSION IN PATIENTS WITH CLINICAL-DWI MISMATCH BY LARGE ARTERY OCCLUSION**

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* **THROMBUS CHARACTERISTICS AND RECANALIZATION RATES IN PATIENTS WITH MILD ISCHEMIC STROKE AND LARGE VESSEL OCCLUSIONS; INTERSECT MULTI-NATIONAL MULTI-CENTER PROSPECTIVE COHORT STUDY**

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- * **IMPACT OF PREVIOUS ANTITROMBOTIC THERAPY ON THE SIZE OF CEREBRAL INFARCTION IN PATIENTS WITH ATRIAL FIBRILLATION.**
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- * **RACE DIFFERENCES IN POST-STROKE DISABILITY AMONG LONG TERM STROKE SURVIVORS**
L. Skolarus, C. Feng, J. Burke (USA)
- * **ENDOVASCULAR TREATMENT IN BASILAR ARTERY OCCLUSION – RESULTS FROM THE AUSTRIAN ENDOSTROKE REGISTRY**
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- * **MEAN PLATELET VOLUME IS A PROGNOSTIC MARKER IN PATIENTS WITH ISCHAEMIC STROKE TREATED WITH RTPA**
F. Sotero, A. Calçada, D. Aguiar de Sousa, M. Dias, A.C. Fonseca, T. Pinho e Melo, P. Canhão (Portugal)
- * **ANTI-NMDA-RECEPTOR ANTIBODY SEROPOSITIVITY AND COGNITIVE FUNCTION OVER TIME IN FIRST-EVER STROKE PATIENTS (PROSCIS-B)**
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- * **ATTITUDES AND CURRENT PRACTICE OF END OF LIFE CARE IN STROKE PATIENTS: A QUESTIONNAIRE SERVICE EVALUATION**
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- * **RECURRENT AND NON-RECURRENT STROKE HAD DIFFERENCES CARDIOVASCULAR RISK FACTORS: RESULTS FROM ONE ISCHEMIC STROKE REGISTRY IN A SOUTHEAST ASIA COUNTRY**
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- * **STROKE PATIENTS ON ANTICOAGULANTS: OUTCOMES OF A LEVEL A STROKE UNIT**
S. Tavares, I. Ferreira, V. Chaves, L. Flores, C. Correia, L. Fonseca, J. Almeida, P. Castro Chaves (Portugal)
- * **RISK FACTORS FOR EARLY READMISSION OF ISCHEMIC STROKE PATIENTS IN A PERIPHERAL PORTUGUESE HOSPITAL**
I. Taveira, C. Vicente, H. Nzwalo, J. Sousa e Cosra (Portugal)
- * **RISK FACTORS FOR RECURRENT ISCHAEMIC STROKE AT LONG-TERM FOLLOW UP**
G. Tekgoel, Y. Tehli, N. Uzuner (Turkey)
- * **MECHANICAL THROMBECTOMY IN THE ACUTE PHASE OF STROKE IN ELDERLY PATIENTS: EXPERIENCE AT OUR HOSPITAL.**
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- * **PREVALENCE AND REPERCUSSION OF COGNITIVE-BEHAVIORAL SYMPTOMS IN PATIENTS WITH ISCHEMIC STROKE TREATED WITH MECHANICAL THROMBECTOMY.**
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- * **THE CONTRIBUTION OF CHOLESTEROL LEVELS TO THE SHORT- AND LONG-TERM PROGNOSIS OF ISCHEMIC STROKE**
C. Tiseo, R. Ornello, D. Degan, F. Pistoia, A. Carolei, S. Sacco (Italy)
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- * **COLLATERAL CIRCULATION EVALUATED WITH PATHS IN MCA STROKE: DOES MODIFIABLE FACTORS REALLY EXIST IN ACUTE PHASE?**
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- * **SYNERGISTIC EFFECTS OF ELEVATED LIPOPROTEIN(A) LEVELS AND RENAL IMPAIRMENT ON CARDIOVASCULAR RISK OR DEATH IN FIRST-EVER STROKE PATIENTS THE PROSPECTIVE COHORT WITH INCIDENT STROKE (PROSCIS)**
S. Tütüncü, S.K. Piper, P.S. Sperber, A.H. Nave, P.U. Heuschmann, K.G. Haeusler, M. Endres, B. Siegerink, T. Liman (Germany)
- * **NEUTROPHIL-TO-LYMPHOCYTE RATIO AS A FUNCTIONAL PREDICTOR IN ACUTE ISCHEMIC STROKE**
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- * **PREDICTORS OF ORAL FEEDING RESUMPTION AFTER STROKE IN A REHABILITATION HOSPITAL: PRELIMINARY DATA OF A PROSPECTIVE STUDY**
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- * **REPERFUSION IN NON-RECANALIZING STROKE PATIENTS AS A SIGN OF COLLATERAL INVOLVEMENT USING DSC-MRI: A SUBSTUDY OF THE**

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K. Villringer, S. Zimny, I. Galinovic, C. Nolte, J. Fiebach, A.A. Khalil (Germany)

* **PREDICTION OF FUNCTIONAL OUTCOME USING DRAGON SCORE IN PATIENTS WITH ACUTE ISCHEMIC STROKE IN ANTERIOR CIRCULATION TREATED WITH ENDOVASCULAR PROCEDURE**

D. Vlahović, Ž. Živanović, A. Lučić, S. Rajić, A. Ilić, G. Knezović, N. Popović, B. Radovanović, S. Ružička Kaloci, M. Žarkov, I. Divjak, P. Slankamenac (Serbia)

* **STROKE IN WORKING AGE ADULTS: REHABILITATION SERVICE USE AND OUTCOMES IN AUSTRALASIA, UNITED KINGDOM AND SOUTH EAST ASIA (AVERT TRIAL)**

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J. Wang, S. Xie, D. Peterson, S. Khot, W. Longstreth, M. Mossa-Basha, B. Taylor, A. De Havenon, F. Kim, D. Tirschwell (USA)

* **'IT WAS AS IF THE DOTS HADN'T BEEN JOINED UP': BEREAVED FAMILIES' EXPERIENCES OF END OF LIFE CARE IN ACUTE STROKE WARDS: A QUALITATIVE INVESTIGATION**

T. Watts, M. Krishnan, M. A Bakar, T. Anjum, J. Mann, S. Picton, S. Storton, L. Connor, S. Yeap, M. Wani (United Kingdom)

* **HIGH LEVEL OF SERUM TISSUE KALLIKREIN IS ASSOCIATED WITH FAVORABLE OUTCOME IN ACUTE ISCHEMIC STROKE PATIENTS**

F. Wu, Y. Ling, L. Yang, X. Cheng, Q. Dong, W. Cao (China)

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T. Yoshimoto, M. Inoue, H. Yamagami, K. Fujita, K. Tanaka, D. Ando, K. Sonoda, N. Kamogawa, M. Koga, M. Ihara, K. Toyoda (Japan)

* **PROGNOSTIC SIGNIFICANCE OF HOMOCYSTEINE IN ACUTE ISCHEMIC STROKE**

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* **TEMPORAL TRENDS IN MECHANICAL THROMBECTOMY OUTCOMES IN THE UNITED STATES NATIONAL INPATIENT SAMPLE**

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* **PREDICTORS OF DEATH AFTER FIRST ISCHEMIC STROKE**

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* **PEDIATRIC ISCHEMIC STROKE WITH RENAL DISEASE: A CASE REPORT**

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* **ISCHAEMIC STROKE SECONDARY TO CAROTID ARTERY DISSECTION IN TURNER'S SYNDROME**

J. Au Yeung, A. Sett (United Kingdom)

* **EPIDEMIOLOGICAL EVOLUTION IN JUVENILE STROKE FROM 2000 TO 2015 IN A TERTIARY HOSPITAL**

E. López-Urrutia, L. Benavente, D. Fuentes, P. Siso, S. Calleja (Spain)

* **DRUG ADDICTION. REPETITIVE INJECTIONS INTO CAROTID ARTERIES. A RARE CASE OF STROKE IN YOUNG ADULTS**

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- * **USE OF ANTIDEPRESSANTS IN YOUNG PATIENTS WITH ISCHEMIC STROKE**
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- * **CAROTID WEBS ASSOCIATED WITH CRYPTOGENIC ISCHEMIC STROKES : A MONOCENTRIC RETROSPECTIVE STUDY FROM A CONTINENTAL FRENCH COMPREHENSIVE STROKE CENTER TERTIARY STROKE UNIT.**
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- * **CEREBRAL VENOUS-SINUS THROMBOSIS: EVALUATION OF RISK FACTORS AND POOR OUTCOME PREDICTORS**
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- * **CLINICAL MANIFESTATIONS OF PRIMARY ANGIITIS OF THE CERTRAT NERVOUS SYSTEM INVOLVING THE INTERNAL CAROTID AND VERTEBRAL ARTERIES**
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- * **LARGE THROMBOSED SUBCLAVIAN ARTERY ANEURYSM DUE TO EXTRACRANIAL AUTOIMMUNE VASCULITIS: AN UNUSUAL AETIOLOGY OF YOUNG STROKE**
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- * **A CASE OF ISCHAEMIC STROKE IN A PATIENT WITH SEVERE ANAEMIA**
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- * **EXPERIENCE OF REVERSIBLE CEREBRAL VASOCONSTRICTION SYNDROME AT A TERTIARY NEUROLOGY AND NEUROSURGERY CENTRE IN THE UK**
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BETWEEN 2014 - 2018.

L.F. Roa Wandurraga, J.D. Zuluaga, M. Perez, Alejandra (Colombia)

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MOYAMOYA IN ARGENTINA

J. Rosales, V. Pujol Lereis, S. Ameriso (Argentina)

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SYMPTOMATIC DEVELOPMENTAL VENOUS ANOMALY THROMBOSIS : CAN ANTICOAGULANTS BE GIVEN ?

M. Saini (Singapore)

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CLINICAL FEATURES OF ONE HUNDRED CONSECUTIVE PATIENTS WITH CERVICAL AND INTRACRANIAL ARTERY DISSECTIONS TREATED IN A UNIVERSITY HOSPITAL

P. Mellado, B. Soler, A. Queirolo, P. Sandoval, H. Miranda (Chile)

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CLINICAL FEATURES OF ONE HUNDRED CONSECUTIVES PATIENTS WITH CEREBRAL VENOUS THROMBOSIS TREATED IN A UNIVERSITY HOSPITAL

P. Mellado, B. Soler, P. Sandoval, A. Queirolo, H. Miranda (Chile)

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SPONTANEOUS CEREBRAL HEMORRHAGE AS CADASIL ONSET

A. Sanna, S. Parcaroli, G. Fresu, C. Mongili, L. Parish, A. Manca (Italy)

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FLOATING AORTIC ARCH THROMBUS: A RARE CAUSE OF CEREBRAL INFARCT

Y. Udejaja, K. Ahmed, G. Choudhury, A. Asokanathan, S. Sethuraman, L. Sekaran, D. Phiri, L. Alwis (United Kingdom)

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ACUTE INFARCT FOLLOWING EPIDURAL BLOOD PATCH

Y. Udejaja, G. Choudhury, K. Ahmed, S. Sethuraman, L. Sekaran, A. Asokanathan, L. Alwis, D. Phiri (United Kingdom)

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M. Van Alebeek, R. Arntz, M. De Vrijer, N. Maaijwee, N. Synhaeve, I. Van Uden, M. Ghafoorian, B. Platel, P. Schaapsmeeders, H. Schoonderwaldt, E. Van Dijk, L. Rutten-Jacobs, A.M. Tuladhar, F.E. De Leeuw (The Netherlands)

*

CADASIL: A RARE CASE IN AN AFRICAN MALE WITH TWO HETEROZYGOUS NOTCH 3 MUTATIONS

D. Vinayan Changaradil, O. Cousins, G. Kumar, M. Puja R, E. O'Sullivan, E. Pringle, H. Sreedharan, T. Webb, L. Flores Caimanque (United Kingdom)

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INCREASED E/A RATIO IN TRANSTHORACIC ECHOCARDIOGRAPHY IS ASSOCIATED WITH HIGH-RISK PATENT FORAMEN OVALE

F. Wu, C. Yu, H. Zhang, H. Tang, W. Cao, Q. Dong (China)

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CAROTID WEB AND ISCHEMIC STROKE: A MORE FREQUENT ASSOCIATION THAN PREVIOUSLY THOUGHT?

M.L. Zedde, R. Pascarella, P. Santalucia, F.R. Pezzella, F. Valzania (Italy)

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THE GREAT IMITATOR STRIKES AGAIN: A CASE OF PERSISTENT LUETIC ARTERITIS WITH STROKE AND MOYAMOYA PHENOMENON

M.L. Zedde, A. Bersano, R. Pascarella, F. Valzania (Italy)

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J. Zinke, D. Brämer, S. Eisenach, S. Hartinger, O.W. Witte, A. Günther (Germany)

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RECURRENT BRAINSTEM STROKE AND VASCULITIC ANGIOPATHY IN A YOUNG MAN - FINALLY TREATED WITH PENICILLINE

J. Zinke, D. Brämer, A. Günther (Germany)

Rehabilitation – Excluding Clinical Trial Results

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THE SAEBOGLOVE EVALUATION TRIAL

J. Alexander, J. Dawson (United Kingdom)

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- * **THE NEED FOR NEUROPSYCHOLOGY AND PSYCHIATRY IN A COMMUNITY BED-BASED NEUROREHABILITATION SETTING**
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- * **UTILITY OF FRAILTY SCORES POST STROKE IN A COMMUNITY BED-BASED NEUROREHABILITATION UNIT**
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- * **COMPLEXITY AND MEDICAL INTERVENTIONS IN A COMMUNITY BED-BASED REHABILITATION SETTING**
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- * **A REVIEW OF STROKE UNIT ADMISSIONS IN A REGIONAL ACUTE STROKE CENTRE**
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- * **AN INTERNATIONAL AND INTER-PROFESSIONAL SURVEY ON THE SCREENING AND DIAGNOSIS OF POST-STROKE UNILATERAL SPATIAL NEGLECT**
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- * **CEREBROLYSIN IN POST-STROKE SPASTICITY**
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- * **PREDICTIVE FACTORS AT HOSPITAL DISCHARGE FOR DEVELOPMENT OF LEARNED NON-USE IN STROKE**
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- * **A SYSTEMATIC REVIEW AND META-ANALYSIS OF INTERVENTIONS TO REDUCE TIME SPENT SEDENTARY OR BREAK UP PROLONGED SEDENTARY EVENTS IN ADULTS**
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- * **DEVELOPMENT OF A GROUP HEALTH EDUCATIONAL INTERVENTION FOR YOUNG STROKE PATIENTS AND THEIR RELATIVES TO IMPROVE QUALITY OF LIFE AFTER STROKE**
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- * **THE EFFECTS OF GAIT TRAINING ON THE SANDY BEACH WITH SHALLOW WATER FOR PATIENTS WITH CHRONIC STROKE**
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- * **DEVELOPMENT OF A COMPLEX INTERVENTION FOR REHABILITATION OF POST-STROKE COGNITIVE IMPAIRMENT BASED ON MEDICAL RESEARCH COUNCIL GUIDELINES**

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* **THE EFFECTS OF COMPUTER BASED COGNITIVE REHABILITATION IN STROKE PATIENTS WITH WORKING MEMORY IMPAIRMENT: A SYSTEMATIC REVIEW**

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* **EARLY REHABILITATION FOR STROKE PATIENTS WITH INTRACRANIAL HYPERTENSION**

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* **USE OF THE NON-MEDICATION ON THE TREATMENT OF THE POST-STROKE SPASTICITY**

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- * **IMPULSE - A PROSPECTIVE, MULTI-CENTER, RANDOMIZED, DOUBLE-BLIND STUDY ON THE STIMULATION OF BRAIN PLASTICITY TO IMPROVE UPPER LIMB RECOVERY AFTER STROKE**
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- * **ETIOLOGICAL FEATURES OF STROKE IN A YOUNG AGE**
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- * **EFFECT OF COEXISTING VASCULAR DISEASE ON LONG-TERM RISK OF RECURRENT ISCHAEMIC STROKE, CORONARY EVENTS AND MAJOR BLEEDING AFTER TIA OR ISCHAEMIC STROKE**
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- * **RISK FACTORS THAT PREDICT TRANSIENT VS. PERMANENT VISUAL LOSS IN RETINAL ISCHEMIA PATIENTS AND THEIR CORRELATION WITH CAROTID STENOSIS**

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* **GENDER DIFFERENCES IN RISK FACTORS OF STROKE**

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* **A COMPARISON OF BEAT-TO-BEAT WITH OTHER MEASUREMENT METHODS ESTIMATING BLOOD PRESSURE VARIABILITY IN PATIENTS WITH CEREBROVASCULAR DISEASE**

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* **SECONDARY RISK FACTOR MANAGEMENT 5-YEARS POST ISCHAEMIC STROKE: THE ASPIRE-S2 STUDY**

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* **CARDIOVASCULAR RISK AND ATHEROSCLEROSIS PROGRESSION IN HYPERTENSIVE PARTICIPANTS TREATED TO BLOOD PRESSURE TARGETS**

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* **OBESITY AS A RISK FACTOR FOR STROKE IN THE RURAL POPULATION OF THE REPUBLIC OF MOLDOVA.**

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* **THE RISK OF SILENT STROKES IN PATIENTS UNDERGOING ELECTRICAL CARDIOVERSION FOR ATRIAL FIBRILLATION. THE NORWEGIAN ATRIAL FIBRILLATION AND STROKE TRIAL (THE NOR-FIB STUDY II)**

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* **CLINICAL FEATURES OF SUPER-OLD ISCHEMIC STROKE PATIENTS**

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* **APPLICATION OF GEOGRAPHICAL INFORMATION SYSTEM IN STROKE RISK HOTSPOTS MAPPING IN UHUNMWONDE LOCAL GOVERNMENT AREA, EDO STATE, NIGERIA**

O. Ibang, E. Otabor-Olubor (Nigeria)

* **SUSCEPTIBILITY OF LOW-DENSITY LIPOPROTEIN (LDL) TO AGGREGATION IS LOWER WITH ALIROCUMAB TREATMENT THAN WITH STATINS IN PATIENTS WITH ISCHEMIC STROKE**

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* **THE RELATIONSHIP BETWEEN CEREBRAL MICROBLEEDS AND PATENT FORAMEN OVALE IN JUVENILE PATIENTS WITH ISCHEMIC STROKE: A SINGLE HOSPITAL RETROSPECTIVE OBSERVATIONAL STUDY**

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* **RISK FACTORS AND STROKE MECHANISMS IN IN-HOSPITAL STROKE: CANCER IS A POWERFUL RISK FACTOR AND HIGH D-DIMER LEVEL IS ITS INDEPENDENT DETERMINANT.**

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* **QUANTITATIVE ASSESSMENT OF CEREBROVASCULAR REACTIVITY USING BRAIN SPECT**

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* **ETHNIC DIFFERENCES IN ISCHEMIC STROKE IN KYRGYZSTAN: A RETROSPECTIVE COHORT STUDY**

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* **ASSOCIATION BETWEEN EARLY-ONSET CRYPTOGENIC ISCHEMIC STROKE AND MIGRAINE SUBTYPES IN THE SECRETO STUDY**

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* **RISK FACTORS FOR STROKE IN PATIENTS WITH CERVICAL ARTERY DISSECTION IN A CHILEAN COHORT**

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* **COMPARISON OF CLINICAL RISK FACTORS AND LIPID PROFILE BETWEEN ISCHEMIC STROKE AND INTRACEREBRAL HEMORRHAGE STROKE OF A TERTIARY CARE HOSPITAL IN NORTH INDIA**

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* **STENOTIC CHANGES OF THE POSTERIOR CEREBRAL ARTERY ARE A MAJOR CONTRIBUTING FACTOR FOR CEREBRAL INFARCTION IN MOYAMOYA DISEASE**

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* **LEISURE-TIME PHYSICAL ACTIVITY LEVELS AND RISK OF STROKE. CONTRIBUTION OF THE COHORT HERMEX.**

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* **LONG-TERM RISK OF STROKE AFTER TRANSIENT GLOBAL AMNESIA: PROSPECTIVE COHORT STUDIES**

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* **THE RISK OF ISCHEMIC STROKE IN YOUNG WOMEN WITH MIGRAINE USING LOW-ESTROGEN COMBINED HORMONAL CONTRACEPTIVES**

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* **DO SEX DIFFERENCES IN CARDIOVASCULAR RISK FACTORS AMONG WOMEN AND MEN WITH ISCHEMIC STROKE? RESULTS FROM A HOSPITAL-BASED REGISTRY OF A DEVELOPING COUNTRY**

A. Seekhongkaew, J. Suwanno, J. Suwanno, K. Rajborirug (Thailand)

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V. Shishkova, T. Adasheva, R. Cheremin, A. Remennik, V. Valyaeva (Russia)

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* **BLOOD LIPIDS ALTERATION AS RISK FACTORS IN ISCHEMIC STROKE HYPERTENSIVE PATIENTS OF PRIOR EXPOSURE TO COLD WEATHER DURING**

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- * **SLEEP-DISORDERED BREATHING IN ACUTE ISCHEMIC STROKE PATIENTS WITH HEART FAILURE**

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- * **ETIOLOGICAL ASPECTS OF ISCHEMIC STROKE IN CHILDREN**

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- * **STROKE RISK AFTER A LATE-ONSET MIGRAINE-LIKE TRANSIENT NEUROLOGICAL ATTACK (TNA): POPULATION-BASED COHORT STUDY**

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- * **RISK FACTORS FOR EARLY RECURRENCE OF ISCHAEMIC STROKE**

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- * **HYPERTENSION AND STROKE SYMPTOMS RESPONSE: WHERE DO WE STAND?**

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- * **ASSOCIATION OF RESIDENTIAL AIR POLLUTION, NOISE, AND NEIGHBOURHOOD GREEN SPACE WITH INITIAL STROKE SEVERITY**

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- * **PERIODONTAL DISEASE DETERIORATES THE ISCHEMIC STROKE INJURY**

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- * **RISK FACTOR RELATIONSHIP OF CORONARY ATHEROSCLEROSIS AND CEREBROVASCULAR HEMORRHAGE (RISK FACTORS OF SPONTANEOUS INTRACEREBRAL HEMORRHAGE AND SPONTANEOUS SUBARACHNOID HEMORRHAGE)**

C.J. Yoo (Republic of Korea)

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- * **ENDOVASCULAR TREATMENT OF RUPTURED TINY CEREBRAL ANEURYSMS, IN LOW FLOW CENTERS, FEASIBILITY AND COST EFFECTIVE STUDY IN LOW INCOME COUNTRY**

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- * **PREDICTORS OF VASOSPASM RELATED CEREBRAL INFARCTION AFTER SURGICAL TREATMENT OF BLISTER-LIKE ANEURYSMS IN THE NON-BRANCHING SITE OF PARACLINOID INTERNAL CAROTID ARTERY**

J.S. Ahn, J.C. Park, W. Park, J.W. Jung (Republic of Korea)

- * **CONCOMITANT AORTIC AND MIDDLE CEREBRAL ARTERY ANEURYSM: TREATMENT STRATEGY AND LITERATURE REVIEW**

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- * **TREATMENT OF CAROTID-CAVERNOUS FISTULA PRESENTING WITH CONTRALATERAL EXOPHTHALMOS ; SEVERAL EXPERIENCES OF GRAFT STENT**

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- * **INTRACRANIAL DURAL ARTERIOVENOUS FISTULAS. EXPERIENCE AT OUR CENTER**

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- * **TGFB LEVELS ARE REDUCED IN SKIN BIOPSIES OF CADASIL PATIENTS**
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