

**Elenco pubblicazioni prodotte nel Lazio  
(suddivise per unità operativa e per argomento)**

Articoli su riviste internazionali MEDLINE motore di ricerca

<http://www.ncbi.nlm.nih.gov/PubMed/>

**POST-COMA AND REHABILITATION CARE UNIT, SAN  
RAFFAELE, CASSINO**

*Aspetti prognostici*

- 1) Sarà M, Pistoia F. Complexity loss in physiological time series of patients in vegetative state: a pilot study. *Nonlinear Dynamics Psychol Life Sci* 2010;14:1-13.
- 2) Sarà M, Sebastiano F, Sacco S, Pistoia F, Onorati P, Albertini A, Carolei A. Heart rate non linear dynamics in patients with persistent vegetative state: a preliminary report. *Brain Injury* 2008;22:33-37.
- 3) Babiloni C, Sarà M, Vecchio F, Pistoia F, Sebastiano F, Onorati P, Albertini G, Buffo P, Rossini PM. Cortical sources of resting-state alpha rhythms are abnormal in persistent vegetative state patients. *Clin Neurophysiol* 2009;120:719-729.
- 4) Sarà M, Onorati P, Albertini G, Pistoia F. Consciousness: No Matter What Is, No Matter Where Is—An Edge Shot Approach. *Journal of Policy and Practice in Intellectual Disabilities* 2010;7:231-232.
- 5) Sarà M, Pistoia F, Pasqualetti P, Sebastiano F, Onorati P, Rossini PM. Functional isolation within the cerebral cortex in Vegetative State: a non linear method to predict clinical outcomes. *Neurorehabil Neural Repair* 2011;25:35-42.

### *Aspetti diagnostici*

- 6) Pistoia F, Sacco S, Palmirotta R, Onorati P, Carolei A, Sarà M. Mismatch of neurophysiological findings in partial recovery of consciousness: a case report. *Brain Injury* 2008;22:645-649.
- 7) Sarà M, Guadagni F, Sorpresi F, Pistoia F. Real time ultrasonography in craniectomized severely brain-injured patients. *Ultrasound Med Biol* 2009;35:169-170.
- 8) Sarà M, Pistoia F. Defining consciousness: lessons from patients and modern techniques. *J Neurotrauma* 2010;27:771-773.
- 9) Sarà M, Pistoia F, Cernerà G, Sacco S. The consciousness dilemma: feel or feel of feeling? *Arch Neurol* 2008;65:418.
- 10) Albertini G, Onorati P, Babiloni C, Pistoia F, Sarà M. A New Quantitative Approach of the Evaluation of Tonic Cortical EEG Rhythms in Adults With Down Syndrome and in Adults With an Impairment of Awareness—Persistent Vegetative State (PVS). *Journal of Policy and Practice in Intellectual Disabilities* 2010;7:82-83
- 11) Pistoia F, Sarà M. Is there a cartesian renaissance of the mind or is it time for a new taxonomy for low responsive states? *J Neurotrauma* 2011 Apr 13
- 12) Formisano R, Pistoia F, Sarà M. Disorders of consciousness: A taxonomy to be changed? *Brain Inj* 2011;25:638-639.

### *Aspetti terapeutici*

- 13) Sarà M, Pistoia F, Mura E, Onorati P, Govoni S. Intrathecal baclofen in patients with persistent vegetative state: two hypotheses. *Arch Phys Med Rehabil*, 2009;90:1245-9.
- 14) Lanni C, Lenzken S, Pascale A, Del Vecchio I, Racchi M, Pistoia F, Govoni S. Cognition enhancers between

treating and doping the mind. Pharmacological research 2008;57:196-213.

- 15) Pistoia F, Sarà M. Gabapentin therapy for ocular opsoclonus-myoclonus restores eye movement communication in a patient with a locked-in syndrome. Neurorehabil Neural Repair 2010;24:493-494.
- 16) Pistoia F, Conson M, Sarà M. Opsoclonus-myoclonus syndrome in patients with locked-in syndrome: a therapeutic porthole with gabapentin. Mayo Clin Proc 2010;85:527-31.
- 17) Pistoia F, Mura E, Govoni S, Fini M, Sarà M. Awakenings and awareness recovery in disorders of consciousness: is there a role for drugs? CNS Drugs 2010;24:625-38.

*Locked-in syndrome e diagnosi differenziale*

- 18) Conson M, Sacco S, Sarà M, Pistoia F, Grossi D, Trojano L. Selective motor imagery defect in patients with locked-in syndrome. Neuropsychologia 2008;46:2622-2628.
- 19) Sacco S, Sarà M, Pistoia F, Conson M, Carolei A. Management of pathologic laughter and crying in patients with locked-in syndrome: a report of 4 cases. Arch Phys Med Rehabil 2008;89:775-778.
- 20) Conson M, Sarà M, Pistoia F, Trojano L. Action observation improves motor imagery: specific interactions between simulative processes. Exp Brain Res 2009;199:71-81.
- 21) Pistoia F, Conson M, Trojano L, Grossi D, Ponari M, Colonnese C, Pistoia ML, Carducci F, Sarà M. Impaired conscious recognition of negative facial expressions in patients with locked-in syndrome. J Neurosci 2010;30:7838-44.
- 22) Conson M, Pistoia F, Sarà M, Grossi D, Trojano L. Recognition and mental manipulation of body parts are dissociate in locked-in syndrome. Brain Cogn.

2010;73:189-93.

**POST-COMA AND REHABILITATION CARE UNIT, SANTA LUCIA, ROMA**

- 1) Bivona U, D'ippolito M, Giustini M, Vignally P, Longo E, Taggi F, Formisano R. Return to Driving After Severe Traumatic Brain Injury: Increased Risk of Traffic Accidents and Personal Responsibility. J Head Trauma Rehabil. 2011 Aug 9
- 2) Giannantoni A, Silvestro D, Siracusano S, Azicnuda E, D'Ippolito M, Rigon J, Sabatini U, Bini V, Formisano R. Urologic dysfunction and neurologic outcome in coma survivors after severe traumatic brain injury in the postacute and chronic phase. Arch Phys Med Rehabil 2011;92:1134-1138.
- 3) Formisano R, D'Ippolito M, Riseti M, Riccio A, Caravasso CF, Catani S, Rizza F, Forcina A, Buzzi MG. Vegetative state, minimally conscious state, akinetic mutism and Parkinsonism as a continuum of recovery from disorders of consciousness: an exploratory and preliminary study. Funct Neurol 2011;26:15-24.
- 4) Formisano R, Pistoia F, Sarà M. Disorders of consciousness: a taxonomy to be changed? Brain Inj 2011;25:638-639.
- 5) Luccichenti G, Giugni E, Péran P, Cherubini A, Barba C, Bivona U, Formisano R, Sabatini U. 3 Tesla is twice as sensitive as 1.5 Tesla magnetic resonance imaging in the assessment of diffuse axonal injury in traumatic brain injury patients. Funct Neurol 2010;25:109-114.
- 6) Truelle JL, Koskinen S, Hawthorne G, Sarajuuri J, Formisano R, Von Wild K, Neugebauer E, Wilson L, Gibbons H, Powell J, Bullinger M, Höfer S, Maas A, Zitnay G, Von Steinbuechel N; Qolibri Task Force. Quality of life after traumatic brain injury: the clinical use of the QOLIBRI, a novel disease-specific instrument. Brain Inj 2010;24:1272-1291.

- 7) von Steinbüchel N, Wilson L, Gibbons H, Hawthorne G, Höfer S, Schmidt S, Bullinger M, Maas A, Neugebauer E, Powell J, von Wild K, Zitnay G, Bakx W, Christensen AL, Koskinen S, Sarajuuri J, Formisano R, Sasse N, Truelle JL; QOLIBRI Task Force. Quality of Life after Brain Injury (QOLIBRI): scale development and metric properties. *J Neurotrauma* 2010;27:1167-1185.
- 8) Ciurli P, Formisano R, Bivona U, Cantagallo A, Angelelli P. Neuropsychiatric disorders in persons with severe traumatic brain injury: prevalence, phenomenology, and relationship with demographic, clinical, and functional features. *J Head Trauma Rehabil* 2011;26:116-126.
- 9) von Steinbüchel N, Wilson L, Gibbons H, Hawthorne G, Höfer S, Schmidt S, Bullinger M, Maas A, Neugebauer E, Powell J, von Wild K, Zitnay G, Bakx W, Christensen AL, Koskinen S, Formisano R, Saarajuri J, Sasse N, Truelle JL; QOLIBRI Task Force. Quality of Life after Brain Injury (QOLIBRI): scale validity and correlates of quality of life. *J Neurotrauma* 2010;27:1157-1165.
- 10) Ciurli P, Bivona U, Barba C, Onder G, Silvestro D, Azicnuda E, Rigon J, Formisano R. Metacognitive unawareness correlates with executive function impairment after severe traumatic brain injury. *J Int Neuropsychol Soc.* 2010;16:360-368.
- 11) Formisano R, Cicinelli P, Buzzi MG, Brunelli S, Zafonte R, Vinicola V, Gabrielli A, Sabatini U. Blink reflex changes in parkinsonism following severe traumatic brain injury correlates with diffuse axonal injury. *Med Sci Monit* 2009;15:CR101-6.
- 12) Carlesimo GA, Formisano R, Bivona U, Barba L, Caltagirone C. Prospective memory in patients with severe closed-head injury: Role of concurrent activity and encoding instructions. *Behav Neurol.* 2010;22(3-4):101-10.
- 13) Bivona U, Ciurli P, Barba C, Onder G, Azicnuda E, Silvestro D, Mangano R, Rigon J, Formisano R. Executive function and metacognitive self-awareness after severe traumatic brain injury. *J Int Neuropsychol Soc* 2008;14:862-868.

- 14) Truelle JL, von Wild K, Höfer S, Neugebauer E, Lischetzke T, von Steinbüchel N; QOLIBRI Group. The QOLIBRI--towards a quality of life tool after traumatic brain injury: current developments in Asia. *Acta Neurochir Suppl* 2008;101:125-129.
- 15) Cherubini A, Luccichenti G, Péran P, Hagberg GE, Barba C, Formisano R, Sabatini U. Multimodal fMRI tractography in normal subjects and in clinically recovered traumatic brain injury patients. *Neuroimage* 2007;34:1331-1341.
- 16) Pero S, Incoccia C, Caracciolo B, Zoccolotti P, Formisano R. Rehabilitation of attention in two patients with traumatic brain injury by means of 'attention process training'. *Brain Inj* 2006;20:1207-1219.
- 17) Barba C, Formisano R, Sabatini U, Cicinelli P, Elisabeth Hagberg G, Marconi B, Ciurli P, Bianciardi M, Matteis M. Dysfunction of a structurally normal motor pathway in a brain injury patient as revealed by multimodal integrated techniques. *Neurocase* 2006;12:232-235.
- 18) Missori P, Miscusi M, Formisano R, Peschillo S, Polli FM, Melone A, Martini S, Paolini S, Delfini R. Magnetic resonance imaging flow void changes after cerebrospinal fluid shunt in post-traumatic hydrocephalus: clinical correlations and outcome. *Neurosurg Rev* 2006;29:224-228.
- 19) Formisano R, Bivona U, Penta F, Giustini M, Buzzi MG, Ciurli P, Matteis M, Barba C, Della Vedova C, Vinicola V, Taggi F. Early clinical predictive factors during coma recovery. *Acta Neurochir Suppl* 2005;93:201-205.
- 20) Giugni E, Sabatini U, Hagberg GE, Formisano R, Castriota-Scanderbeg A. Turbo-Proton Echo Planar Spectroscopic Imaging (t-PEPSI) MR technique in the detection of diffuse axonal damage in brain injury. Comparison with Gradient-Recalled Echo (GRE) sequence. *Radiol Med* 2005;109:563-572.
- 21) Giugni E, Sabatini U, Hagberg GE, Formisano R, Castriota-Scanderbeg A. Fast detection of diffuse

- axonal damage in severe traumatic brain injury: comparison of gradient-recalled echo and turbo proton echo-planar spectroscopic imaging MRI sequences. *AJNR Am J Neuroradiol.* 2005;26:1140-1148.
- 22) Formisano R, Bivona U, Brunelli S, Giustini M, Longo E, Taggi F. A preliminary investigation of road traffic accident rate after severe brain injury. *Brain Inj* 2005;19:159-163.
  - 23) Abnormal motor preparation in severe traumatic brain injury with good recovery.
  - 24) Di Russo F, Incoccia C, Formisano R, Sabatini U, Zoccolotti P. Abnormal motor preparation in severe traumatic brain injury with good recovery. *J Neurotrauma* 2005;22:297-312.
  - 25) Tomaiuolo F, Carlesimo GA, Di Paola M, Petrides M, Fera F, Bonanni R, Formisano R, Pasqualetti P, Caltagirone C. Gross morphology and morphometric sequelae in the hippocampus, fornix, and corpus callosum of patients with severe non-missile traumatic brain injury without macroscopically detectable lesions: a T1 weighted MRI study. *J Neurol Neurosurg Psychiatry* 2004;75:1314-1322.
  - 26) Formisano R, Carlesimo GA, Sabbadini M, Loasses A, Penta F, Vinicola V, Caltagirone C. Clinical predictors and neuropsychological outcome in severe traumatic brain injury patients. *Acta Neurochir* 2004;146:457-462.
  - 27) Reaction and movement times in individuals with chronic traumatic brain injury with good motor recovery.
  - 28) Incoccia C, Formisano R, Muscato P, Reali G, Zoccolotti P. Reaction and movement times in individuals with chronic traumatic brain injury with good motor recovery. *Cortex* 2004;40:111-115.
  - 29) Formisano R, Voogt RD, Buzzi MG, Vinicola V, Penta F, Peppe A, Stanzione P. Time interval of oral feeding recovery as a prognostic factor in severe traumatic brain injury. *Brain Inj* 2004;18:103-109.

- 30) Formisano R, Vinicola V, Penta F, Matteis M, Brunelli S, Weckel JW. Active music therapy in the rehabilitation of severe brain injured patients during coma recovery. *Ann Ist Super Sanita* 2001;37:627-630.
- 31) Ippolito E, Formisano R, Caterini R, Farsetti P, Penta F. Operative treatment of heterotopic hip ossification in patients with coma after brain injury. *Clin Orthop Relat Res* 1999;365:130-138.
- 32) Ippolito E, Formisano R, Farsetti P, Caterini R, Penta F. Excision for the treatment of periarticular ossification of the knee in patients who have a traumatic brain injury. *J Bone Joint Surg Am* 1999;81:783-789.
- 33) Ippolito E, Formisano R, Caterini R, Farsetti P, Penta F. Resection of elbow ossification and continuous passive motion in postcomatose patients. *J Hand Surg Am* 1999;24:546-553.
- 34) Formisano R, Grelli S, Matteucci C, Santilli V V, Vinicola V V, Scivoletto G, Castellano V V, D'Agostini C, Mastino A, Favalli C. Immunological and endocrinological disturbances in patients after prolonged coma following head injury. *Eur J Neurol* 1998;5:151-158.
- 35) Giubilei F, Formisano R, Fiorini M, Vitale A, Faroni J, Toni D, Santilli V. Sleep abnormalities in traumatic apallic syndrome. *J Neurol Neurosurg Psychiatry* 1995;58:484-486.
- 36) Formisano R, Saltuari L, Gerstenbrand F. Presence of Klüver-Bucy syndrome as a positive prognostic feature for the remission of traumatic prolonged disturbances of consciousness. *Acta Neurol Scand* 1995;91:54-57.
- 37) Inghilleri M, Formisano R, Berardelli A, Saltuari L, Gerstenbrand F, Manfredi M. Transcranial electrical stimulation in patients with apallic syndrome. *Acta Neurol Scand* 1994;89:15-17.
- 38) Formisano R, Schmidhuber-Eiler B, Saltuari L, Cigany E, Birbamer G, Gerstenbrand F. Neuropsychological outcome after traumatic temporal lobe damage. *Acta*



Neurochir (Wien) 1991;109:1-4.