HUMANITAS
RESEARCH HOSPITAL

# Informazioni generali sul progetto di ricerca

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| **Titolo studio** | Long-term surgical outcome of intramedullary cervical cavernous malformations: Retrospective multicentric cohort. | | |
| **ID sperimentazione** | 4485 | **Acronimo studio** | Studio Cervical intramedullary cavernomas multicentrer |
| **Promotore (Istituzione)** | IRCCS Istituto Clinico Humanitas<br>Via Manzoni 56, 20089 Rozzano, Milan, Italy | | |
| **Finanziatore** | N/A | | |
| **Sperimentatore Principale Humanitas e Unità Operativa** | Dr Gabriele Capo (gabriele.capo@humanitas.it), Neurochirurgia CHN1 | | |
| **Patologia** | Intramedullary cervical cavernous malformations | | |
| **Obiettivi dello studio** | Intramedullary cavernous malformations (CMs) are rare vascular lesions that can lead to severe neurologic deterioration, decreased function, and poor quality of life. The treatment strategy remains controversial at present.<br>Due to the tumor infrequency, scientific evidence is scarce and limited to case reports and small case series.<br>The objective of the study is to analyze the cervical CMs operating cases of 3 neurosurgical high-volume centers, to assess the natural history, clinical presentation, treatment outcomes, and prognosis of these rare vascular malformations and identify potential prognostic risk factors for postoperative neurological deterioration. | | |
| **Popolazione e criteri di selezione dei pazienti** | Retrospective analysis of demographic, clinical, surgical, and radiological data of spinal cord lesions treated from January 2013 to December 2023 in three European referral centers.<br><br>Inclusion criteria:<br>- Adult patients operated for cervical cavernous malformations (CMs).<br>- Histological diagnosis.<br><br>Exclusion criteria:<br>- Follow-up < 6 months.<br>- Complete preoperative and postoperative data are not available. | | |
| **Numero di pazienti (pianificati) di Humanitas** | Number of patients projected for:<br>• the entire study → about 12 patients from all centers | | |

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| **Base giuridica del trattamento** | Ai sensi dell'art. 9, comma 2, lett. j), Regolamento 679/2016 e dell'art. 110-bis, comma 4 Codice Privacy (D. Lgs. 196/2003), Humanitas in qualità di Istituto di Ricovero e Cura a Carattere Scientifico (I.R.C.C.S.) può, senza richiedere un consenso, trattare ai fini di ricerca i dati personali e particolari dei pazienti raccolti originariamente per l'assistenza sanitaria, poiché quest'ultima è considerata strumentale all'attività di ricerca. |
| **Eventuali Centri sperimentali coinvolti, in Unione Europea (pianificati)** | 3 centers:<br>- Italy: Humanitas Research Hospital, Milan<br>- France: Hôpital Pierre Wertheimer of Lyon,<br>- Switzerland: Geneva University Hospital |
| **Eventuali centri sperimentali coinvolti, fuori Unione Europea (pianificati)** | N/A |
| **Tempi di conservazione dei dati personali e di eventuali campioni biologici** | 2 years for patients' data.<br>No biological specimen retained. |