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EMSOS Study: Association between IDH1 R132 Mutations and Prognosis in Chondrosarcoma

Invitation to participate

March 20th, 2024

Dear Colleagues,

We are pleased to invite you to participate in the multicentric retrospective study “Association between IDH1 R132 Mutations and Prognosis in Chondrosarcoma”.

Because predicting chondrosarcomas behavior based on histology alone can be challenging, genetic markers represent an appealing area of inquiry that may help us refine our prognostic approaches. Isocitrate dehydrogenase (IDH) mutations are involved in the pathogenesis of various neoplasms, and recently, our preliminary small series demonstrated that IDH1 R132 mutations were negatively associated with the prognosis of patients with bone chondrosarcomas.

Nevertheless, multicenter international studies are needed and advisable to confirm our observations. If these findings are confirmed, evaluating IDH mutational status in biopsy samples or resection specimens could be considered when stratifying patients, highlighting those who may benefit from more aggressive treatment (such as adjuvant chemotherapy) or closer follow-up.

We plan to publish the results of this multicentric study. All participating centers will be included in authorship.

Please send us your kind response by e-mail at: giulia.trovarelli@aopd.veneto.it

Looking forward to hearing from you!

Sincerely,

Dr Giulia Trovarelli, Prof. Pietro Ruggieri