Sindromi mielodisplastiche (MDS) Unit

Descrizione

Responsabile prof.ssa Valeria Santini

Professionisti coinvolti nel percorso di diagnosi e cura

- anatomo-patologo
- citogenetista e biologo molecolare
- citofluorimetrista
- trapiantologo
- trasfusionista
- cardiologo
- geriatra
- internista
- infettivologo
- radiologo

Questa Unit afferisce al Dipartimento Oncologico e si occupa di diagnosi e cura delle sindromi mielodisplastiche (MDS), in ottica multidisciplinare, multiprofessionale e di rete che comprende le strutture di secondo livello AOUC, lo specialista territoriale, il MMG del paziente e, se previsto, l'ambito territoriale dell'Area Vasta.

Funzioni

- organizzare l'assistenza al paziente migliorando i servizi in una prospettiva multidisciplinare, attraverso un gruppo di professionisti costituito dai referenti per le discipline specialistiche coinvolte, favorendo il lavoro di squadra e l'integrazione tra le professionalità
- assicurare il costante adeguamento dei modelli organizzativi, trasferendo nella pratica clinica le più aggiornate esperienze e competenze, finalizzate all'impiego delle risorse secondo criteri di efficacia, efficianza ed economicità
- promuovere e verificare l'applicazione di protocolli e linee guida, anche relativi a terapie innovative
- collaborare alla realizzazione di percorsi formativi
- sviluppare specifici progetti nell'ambito della ricerca

Percorso

1. visita, anamnesi e valutazione comorbidità del paziente e Comprhensive Geriatric Assessment (CGA), in collaborazione con geriatri e cardiolgi
2. aspirato e biopsia osteomidollare con studio di funzioni d'organo, citogenetico e molecolare (ques'ultimo in casi selezionati), in collaborazione con anatomo-patologi

3. proposta terapeutica previa valutazione con la Continuità assistenziale extraospedaliera, medici internisti e geriatri
4. creazione di un percorso preferenziale con la Terapie cellulari e Medicina trasfusionale

Ricerca

Ricerche traslazionali di ematologia sperimentale finanziati da enti pubblici e privati, italiani e internazionali:

- Responsabile scientifico locale nel Progetto cofinanziamento PRIN- MIUR (coordinatore F.Mandelli) Secondi messaggeri nella maturazione ed apoptosi delle cellule di leucemia mieloide acuta. Possibile bersaglio terapeutico? 01/01/1998 – 01/01/1999
- Responsabile scientifico locale nel Progetto cofinanziamento PRIN- MIUR (coordinatore G.Saglio) Ipermetilazione del DNA nella progressione di malattia e nel follow up della leucemia mieloide cronica. 01/01/1999 – 01/01/2001
- Responsabile scientifico locale nel Progetto cofinanziamento PRIN- MIUR (coordinatore M. Baccarani) Ruolo dell'ipossia e dell'oncogene fes nel controllo della crescita e nella resistenza al trattamento nella leucemia mieloide cronica. 01/01/2001 – 01/01/2003
- Responsabile scientifico locale nel Progetto cofinanziamento PRIN- MIUR (coordinatore G.Leone) Profilo molecolare delle alterazioni epigenetiche in mielodisplasie ad alto rischio: azione specifica di diversi inibitori delle istone deacetilasi. 01/01/2005 – 01/01/2007
- Principal investigator: Bando Salute Regione Toscana- MDS proteomics: clinical significance of modifications in protein expression in bone marrow CD34+ cells from MDS patients. 01/01/2009 – 01/01/2011
- Principal investigator: Grant Ente Cassa di Risparmio di Firenze- Analisi modificazioni funzionali e molecolari in cellule midollari mielodisplastiche prima e dopo trattamento con azacitidina. 01/01/2011 – 01/01/2013
- Leukemia and Lymphoma Society (LLS) Translational Research grant TRP-6016-14 (collaboratore locale; coordinatore Dr Maria Figueroa). 01/01/2013 – 01/01/2015
- Principal investigator: Grant Ente Cassa di Risparmio di Firenze- Alterazioni molecolari nella risposta ad azacitidina in pazienti con sindrome mielodisplastica. 01/01/2013 – 01/01/2015
- Principal investigator: AIRC -Investigator Grant – IG 2015 biennale- Title: Mechanisms of resistance to hypomethylating agents in myelodysplastic syndromes. 01/01/2015
- Coordinatore internazionale in qualità di uno dei tre key opinion leaders del WP-2 per MDS del progetto europeo finanziato da EU: "HARMONY European Network of Excellence". 2017

Pubblicazioni

- Buckstein R, Balleari E, Wells R, Santini V, Sanna A, Salvetti C, Crisà E, Allione B, Danise P, Finelli C, Clavio M, PA, Salvi F, Cilloni D, Oliva EN, Musto P, Houston B, Zhu N, Geddes M, Leitch H, Leber B, Sabloff M, Nevill TJ, Yee K, Storring JM, Francis J, Maurillo L, Latagliata R, Spiriti MAA, Andriani A, Piccioni AL, Fianchi L, Fenu S, Gumenyuk S, Buccisano F. ITACA: **A New Validated International Erythropoietic Stimulating Agent Response Score that Further Refines the Predictive Pwer Previous Scoring** AmJ2017Jul 4.doi:[Epub ahead of print] PubMedPMID

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- Valencia-Martinez A, Sanna A, Masala E, CE , Br A, Gozzini A, Santini V. **Mutated ASXL1 and number of somatic mutations as possible indicators of progression to chronic myelomonocytic leukemia of myelodysplatic syndromes with single multilineage dysplasia Haematologica**. 2017 May 18. pii: haematol 2017.166124. doi: 10.3324/haematol.2017.166124 [Epubaheadprint]PubMedPMID:28522578
- Musto P, Maurillo L, Simeon V, PA, Finelli C, Balleari E, Ricc A, Rivellini F, CA, Tarantini G, Villani O, Mansueto G, Milella MR, Scapicchio D, Marziano G, Breccia M, Niscola P, Sanna A, Clissa C, VMT, Fenu S, Venditti A, Santini V, Angelucci E, Levis A. **Iron-chelating therapy with deferasirox in transfusion-dependent, higher risk myelodysplastic syndromes: a retrospective, multicentre study**. Br J Haematol. 2017 Jun; 177(5):741-750.doi:10.1111/bjh.14621. Epub 2017 Apr 17.PubMed PMID: 28419408
- Park S, Hamel JF, TA, Kelaidi C, Thépot S, Campelo MD, Santini V, Sekeres MA, Balleari E, Kaivers J, Sapena R, Götze K, Müller-Thomas C, Beyne-Rauzy O, Stamatoullas A, Kotsianidis I, Komrokji R, Steensma DP, Fensterl J, RGJ, Bernal T, Ramos, Calabuig M, Guerci-Bresler A, BD, CP, Cheze S, Wattel E, RC, Vey N, Gioia D, Ferrer D, Gaidano G, Cametti G, Pane F, Sanna A, Germing U, Sanz GF, Dreyfus F, Fenaux P. **Outcome of Lower-Risk Patients With Myelodysplastic Syndromes Without 5q Deletion After Failure of Erythropoiesis – Stimulating Agents.** J Clin oncol. 2017 May 10;35(14):1591-1597. doi: 10.1200/JCO.2016.71.3271. Epub 2017 Mar 28. PubMedPMID: 28350519.
- Della Porta MG, Jackson CH, Alessandrino EP, RM, Bacigalupo A, van Lint MT, Bernardi M, Allione B, BA, Guidi S, Santini V, Malcovati L, Ubezio M, Milanesi C, TE, VMT, Musto P, Onida F, IAP, Cerretti R, Grillo G, Molteni A, Pioltelli P, BL, Angelucci E, Oldani E, Sica S, Pascutto C, Ferretti V, Santoro A, BF, Cazz M, Rambaldi A. **Decision analysis of allogeneic hematopoietic stem cell transplantation for patients with myelodysplastic syndrome stratified according to the revised International Prognostic Scoring System**. Leukemia. 2017 Apr 7. doi:10.1038/leu.2017.88.[Epub ahead of print] PubMedPMID: 28321120.
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Data
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