

Continuing Medical Education (CME) Questions

GATA2-related MDS

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Wlodarski MW, Hirabayashi S, Pastor V, Starý J, Hasle H, Masetti R, Dworzak M, Schmugge M, van den Heuvel-Eibrink M, Ussowicz M, De Moerloose B, Catala A, Smith OP, Sedlacek P, Lankester AC, Zecca M, Bordon V, Matthes-Martin S, Abrahamsson J, Kühl JS, Sykora K-W, Albert MH, Przychodzien B, Maciejewski JP, Schwarz S, Göhring G, Schlegelberger B, Cseh A, Noellke P, Yoshimi A, Locatelli F, Baumann I, Strahm B, Niemeyer CM for the EWOG-MDS. Prevalence, clinical characteristics, and prognosis of GATA2-related myelodysplastic syndromes in children and adolescents. *Blood.* 2016;127(11):1387-1397.

con <i>GA</i>	secutive TA2 mu Gerr Gerr Gerr	prospective tations amountine GATA2 nline GATA2 nline GATA2	e studies of ong childred mutations mutations mutations mutations	n pediatric en and adol account for account for account for account in 5	MDS by Wlo lescents with Mor 32% of advantage 15% of prima % of children	yelodysplastic syndrome (MDS). According to the genetic testing done on samples from odarski and colleagues, which of the following statements about the prevalence of germling MDS is correct? anced pediatric MDS mary pediatric MDS with MDS secondary to therapy or acquired aplastic anemia attric patients with MDS and monosomy 7, and in 72% of adolescents with MDS and monosomy	ne
whi ME	och of the OS is con Mon Gerra GAT muta	e following rect? ocytosis was nline GATA2 A2 mutation ations	statements s more freq 2 mutations a carriers w	s about other quent in pati s were associated MDS w	er genetic feat ients with GAT ciated with sign were older at di	pective studies and stratified analysis according to karyotype by Wlodarski and colleague stures and clinical characteristics of germline <i>GATA2</i> mutation carriers vs wild-type cases and mutations, independent of monosomy 7 mificantly worse overall survival than in wild-type MDS diagnosis and were more likely to present with advanced disease than patients with no <i>GATA</i> (HSCT) was worse in mutation carriers than in patients with wild-type MDS	of
clin	ical imp GAT Barly thera HSC	CA2 analysis diagnosis pies specific T should be	the finding should be of GATA2 eally avoiding delayed, g	gs regarding included in deficiency and treatment diversity the lower the lo	ng pediatric M n the workup of can avoid unr nt with immuno w risk for prog	rding to karyotype by Wlodarski and colleagues, which of the following statements about the MDS is correct? of pediatric MDS only if family history is positive innecessary diagnostic procedures, enable tailored surveillance, and limit the use of noncurative incompression gression to advanced disease grand preparative regimen for HSCT in GATA2-related MDS	
Ac	ctivity	/ Evalua	ation (v	vhere 1	is strongly	y disagree and 5 is strongly agree)	
1.	The ac	tivity support	ed the learn	ning objective	es.		
	1	2	3	4	5		
2.	The material was organized clearly for learning to occur.						
	1	2	3	4	5		
3.	The co	e content learned from this activity will impact my practice.					
	1	2	3	4	5		
4.	The activity was presented objectively and free of commercial bias.						
	1	2	3	4	5		

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