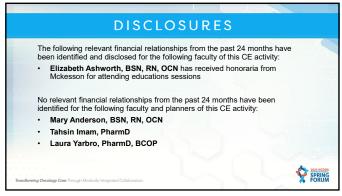
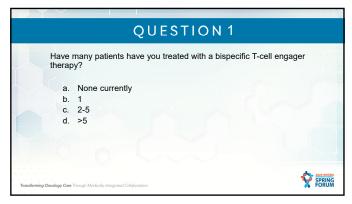


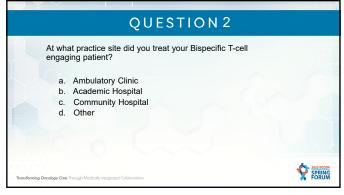
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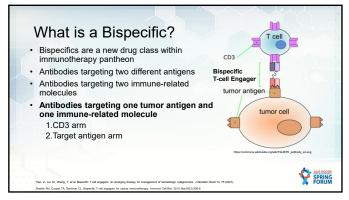


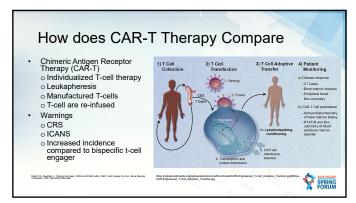




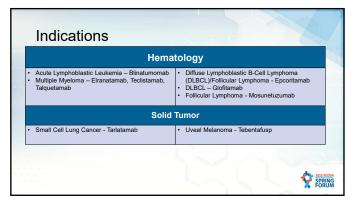
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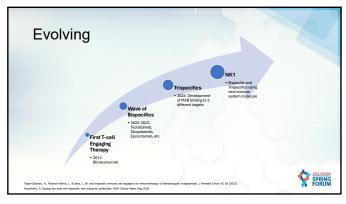


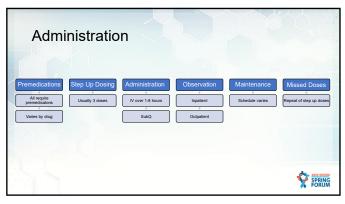




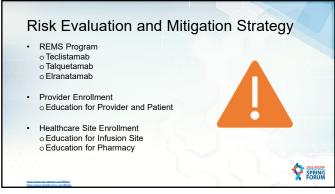
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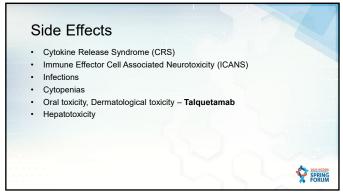






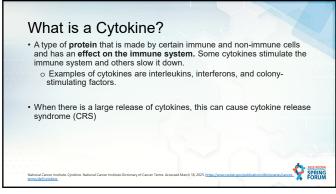
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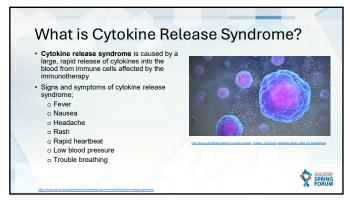






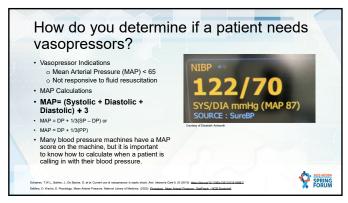
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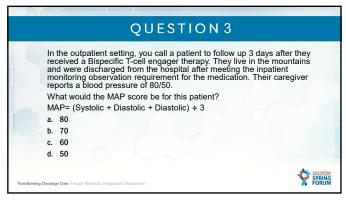


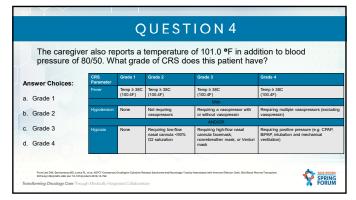


CRS Parameter	Grade 1	Grade 2	Grade 3	Grade 4  Temp ≥ 38C (100.4F)	
Fever	Temp ≥ 38C (100.4F)	Temp ≥ 38C (100.4F)	Temp ≥ 38C (100.4F)		
			With		
Hypotension None		Not requiring vasopressors	Requiring a vasopressor with or without vasopressin	Requiring multiple vasopressors (excluding vasopressin)	
			AND/OR		
na		Requiring low flow nasal cannula <90% O2 saturation	Requiring high-flow nasal cannula facemask, nonrebreather mask, or Venturi mask	Requiring positive pressure (e.g. CPAP, BiPAP, intubation and mechanical ventilation)	

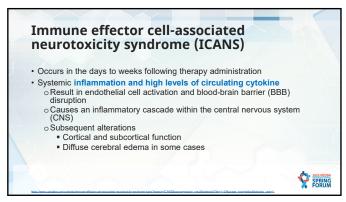
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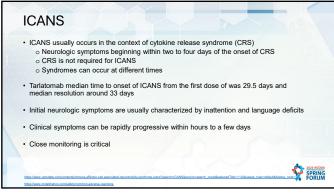


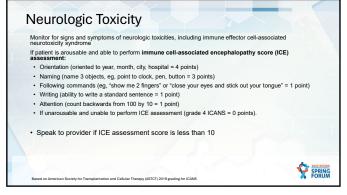
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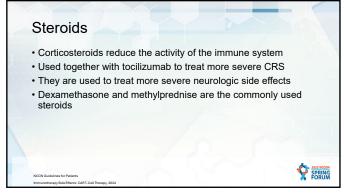
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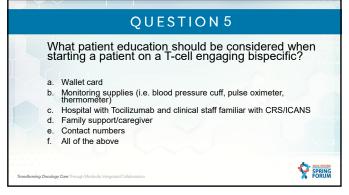


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# Tocilizumab for treatment of CRS • For the treatment of Cytokine release syndrome and blocks interaction between IL-6 and its receptors. • It is essential for treating moderate to severe CRS grades 2,3,and 4 • Lowers the body's immune response and reduces inflammation. • Dosing 8 mg per kg. • >800mg doses not recommended for CRS • 60-minute IV infusion in 100mL NS • Alone or in combination with corticosteroids • Different dosing for patients less than 30 kg weight.

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## Hospital and Wallet Cards Confirm with patient and caregiver they understand the hospital to report to if CRS or Neurologic changes Within an hour of home Do they carry Tocilizumab Consider if the hospital staff had education to provide care for patient Wallet Card from manufacturer website Download and fill out to give to the patient to present to ER if needed Most pharmaceutical companies have wallet cards available upon request

### Nursing Considerations Communication Work with local hospital oncology floor to confirm they are prepared for the admission for observation and have tocilizumab available Baseline assessment before administration Assess if caregiver to help monitor for symptoms of CRS and ICANS If no caregiver, discuss nurse follow up assessment calls after discharged from hospital Develop guidelines at your institution for frequency of CRS/ICE assessment NCODA playbook may be used as a resource

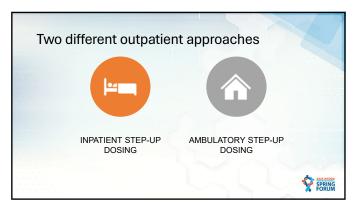
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### Home Monitoring Confirm patient has a thermometer, blood pressure cuff, pulse oximeter and caregiver to assess for neurologic changes • Temperature • Blood pressure • Oxygen saturation • Mental status changes • Sample Hand Writing-Sentence or name • Caregiver available and appropriate to monitor • Vitals and ICE score log • Educate caregiver on ICE assessment and when to call

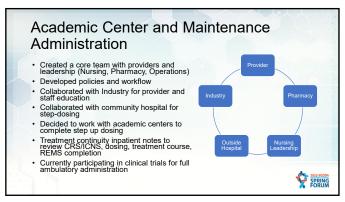
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### Nursing Considerations-continued Recommend administration earlier in the week for outpatient administration Confirm correct vial size for step up doses Glofitimab is a very small volume for first ramp up IV infusion. Consider priming line with medication Tocilizumab was recently added in the NCCN guideline that it may be given for CRS prevention Blinatumomab education about what to do if pump difficulties. \*Do not flush line Direct patients to appropriate hospitals if CRS symptoms and neurologic changes





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Outpatient administratio admission for monitoring	
Communication. Notify Pharmacy, nursing and hospital staff of anticipated patient and schedule     Educate staff. Complete REMS	Montering Premisery
Assess and educate caregiver about T-cell engaging bispecifics	
<ul> <li>Coordinate plan for hospital admission immediately after administration</li> </ul>	
Communicate to clinical staff planned discharge date	Patient Consigner Sharing Leadership
Confirm caregiver available to monitor for symptoms     If no caregiver, develop monitoring protocol. Example: Call patient multiple times a day to assess for CRS/ICANs	Consor Frequent

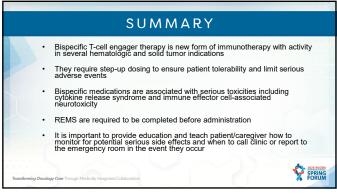
Resources
<ul> <li>NCODA Playbook</li> <li>ASTCT Clinical Practice Recommendations for Transplantation and Cellular Therapies in Diffuse Large B Cell Lymphoma Link</li> <li>NCCN Management of Immunotherapy-Related Toxicities Link         <ul> <li>CRS Management</li> <li>ICE Management</li> </ul> </li> </ul>
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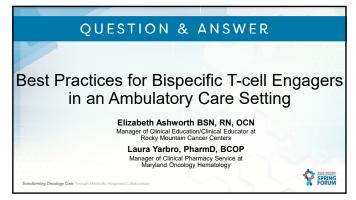
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Available Bispecific T-Cell Engager Medications									
Indication	REMS	Frequency		Step-up dosing	Pre-medications	Montioring post infusion			
Relapsed or refractory Diffuse Large B-cell Lymphoma; after 2 or more lines of therapy		progression. Cycle 1-3 (days 1,8,15,22), Cycles 4-9 (days 1, 15).	SubQ	Yes	Yes	Hospitalization for 24 hrs post C1D15			
Relapsed or Refractory Follicular Lymphoma; after 2 or more lines of therapy			then over 2 hours, if	Yes	Yes	Consider hospitalization for subsequent infusions following Grade 2 CRS.  Recommended hospitalization for infusions following Grade 3 CRS.			
HLA-A*02:01 Positive adults with unresectable or metastatic Uveal Melanoma	No	Every 7 days		Yes	No	In office week 4". Monitor at least 30 mins post infusion w/vS checked twice. ""Weeks 1- 3 hospitalization required"			
Relapsed or refractory Multiple Myeloma; after 4 or more lines of therapy		until progression or unacceptable toxicity		Yes	Yes	Hospitalization recommended for 48 hours bost each Tx during step-up dosing.			
Relapsed or refractory Diffuse Large B-cell Lymphoma, or Large B-Cell Lymphoma arising from Follicular lymphoma		disease progression. Cycle 1 (day 1 Obintuzumab, day 8, 15), Cycles	& 2, then over 2 hours (if no CRS experienced)	Yes	Yes	Hospitalization recommended x 24 hours following step-up dose 1 and 2 (if CRS experienced widose 1)			
Relapsed or refractory Multiple Myeloma; afer 4 or more lines of therapy	Yes	Every 7 days or every 14 days, until disease progression or unacceptable toxicity	SubQ	Yes	Yes	Hospitalization recommended for 48 hours post each Tx during step-up dosing.			
Relapsed or refractory Multiple Myeloma; afer 4 or more lines of therapy		clarification** Weekly and every 2 weeks until disease progression or		Yes	Yes	Hospitalization recommended for 48 hours post step-up dose 1, and 24 hours post step- up dose 2.			
Small cell lung cancer, extensive stage		Cycle 1 (days 1, 8, 15), Cycle 2	IV over 1 hour	Yes	Yes	Monitor patients in an appropriate health care setting during influsion and for 22 to 24 hours after the cycle 1 day 1 and cycle 1 day 8 influsions			
	Respond or refractivy Diffuse Large for street, and the control of the response of the respons	Reaspead or infractory Diffuse Large Annual Control of the Control of the Control Annual Control of the Control Annual Control of the Control Annual Control	Netherland or refinatory Diffusion Large No. 20 Propository useful diseases progression. Cycle 5-13 days. 18 April 20 Proposition 2 April	RESIDE Proguency District Land Services of the Control of State Land Services of State Land	RESIDENT OF WITHOUT CHRISTIC LINE AND THE CONTROLLED AND THE CONTROLLE	READED Frequency District Lings   READED Freaded Frequency District Lings   READED Frequency District Lings			

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