

Adolescent Transition Quality Improvement Collaborative: The Yale HTC Experience

Yale Medicine

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Updates on Scheduling Comp clinics

Medication/Factor/Insurance/340B

Background/Problem Statement

Our Hemophilia Treatment Center at Yale is centrally based in the Department of Pediatrics, where all patients with hemophilia or carriers of hemophilia are cared for throughout their lifetime, regardless of age.

During the 2014 Patient Needs Assessment Survey, the lack of a clear transition process for patients was brought out as an area for improvement in our practice. Given that our hemophilia patients and families continue to receive their care from childhood through adulthood with the same providers, there is no physical transition of care that often accompanies the emotional and intellectual transition to accessing healthcare as an adult.

A change in our practice to include a more formalized transition process for these patients would make the concept of transition more apparent and allow for more open communication regarding the importance of taking responsibility for one's own health and healthcare needs.

Objectives

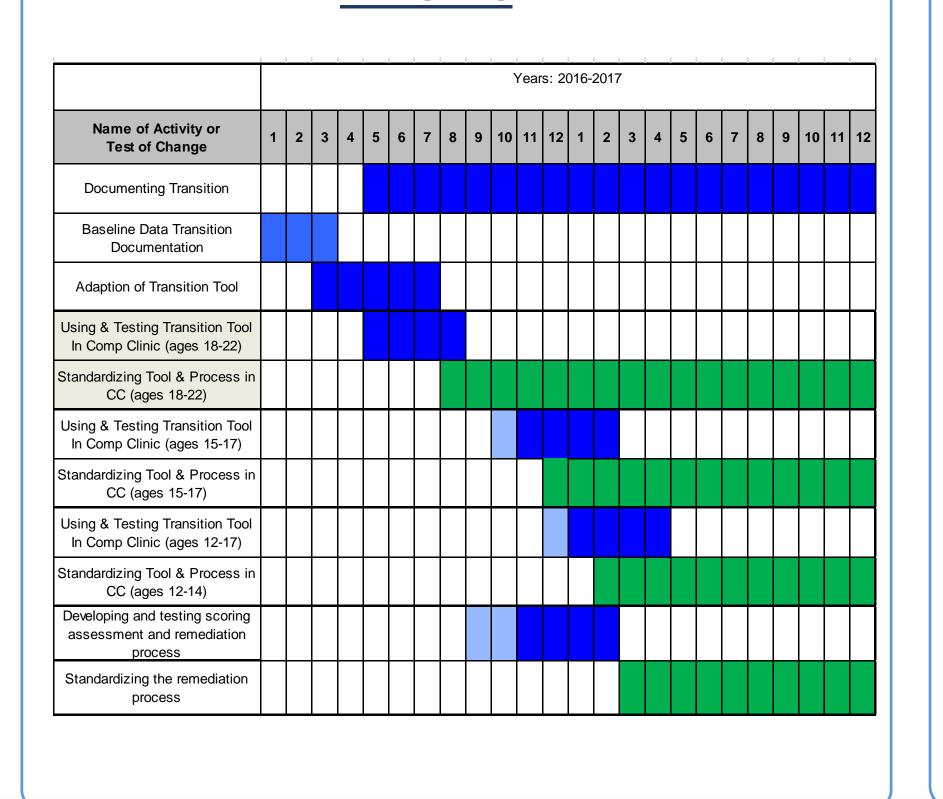
Global Aim

We aim to improve adolescent transition in the Yale HTC.

Specific Aim

Increase the number of patients ages 18-22 years seen in comprehensive clinic that have discussed and documented age appropriate hemophilia transition and milestones. Will expand to patients aged 12-18 years in the next cycle of testing, once process is standardized.

Timeline

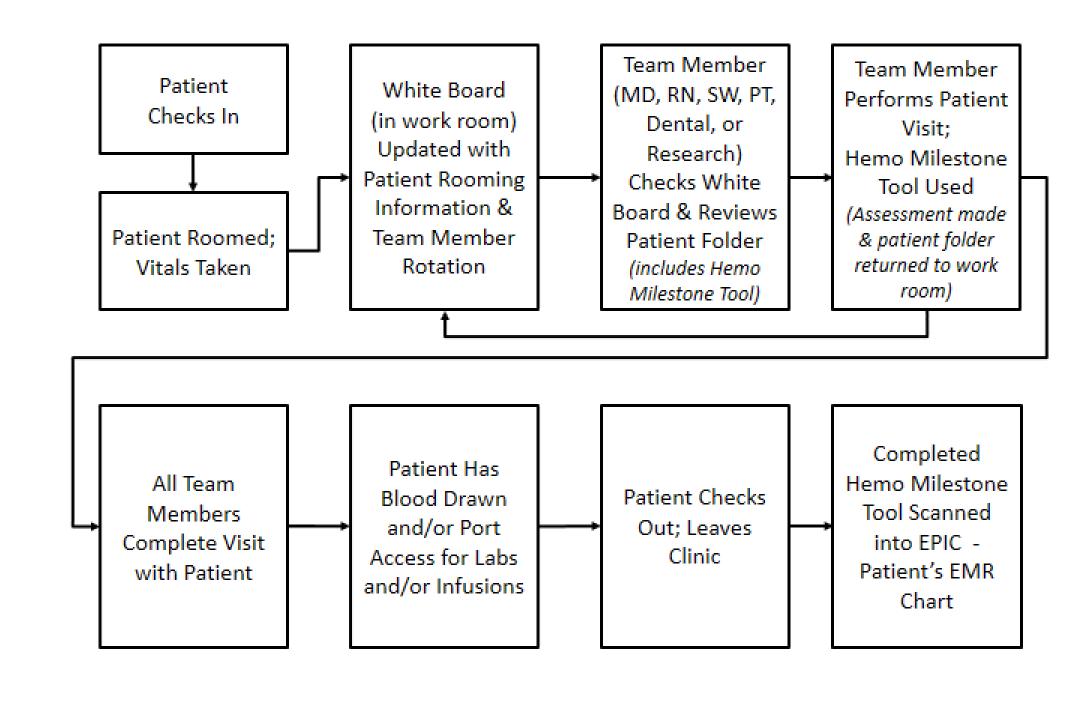


5-P's: Purpose 5-P's: Patients <1 | 12-24m | 25m - | 5y-9y | 10y-14y | 15y-19y | 20y- | 25y+ The Yale Hemostasis and Hemophilia Treatment Center partners with patients and families to provide comprehensive medical care through our coordinated efforts which will work to improve clinical outcomes, increase adherence to recommended treatments and enhance quality of life in all patients with bleeding and thrombotic disorders. 5-P's: Professionals & Patterns **Processes** MDs (2) Prior Formal QI Work Hemostasis Clinic Flow Surgery Planning Template • APRN(s) (2) Team Meetings • RN (1) · Weekly Meeting with Core Hemostasis Additional Post- Clinic Visit Flow Elements: Clinical Data entry Clinical Manager • SW (0.5) Agenda items include Research forms (paper only) ample processing for studies, shipping etc • Data manager (1 N/APRN follow up of lab results, review with

Administrator (1)

• PT (0.2)

Yale HTC – Comprehensive Clinic Visit Process Flow



Adaptation of the Tool:

Modify treatment plan as needed

Update emergency care letters

pdate prescriptions and obtain prior auth for

Senerate comp clinic summary to be sent to

- 1. Use of an existing tool (*HEMO-Milestones*, ref. 1)
- 2. Team members made recommendations regarding wording and addition or removal of items (18-22yo age group)
- 3. Team meetings to review, discuss and vote on changes to the milestone items in the tool
- 4. Placement of items refined, providing clearer outline by provider role (MD, APRN/RN, SW and PT)
- 5. Addition of "Did not discuss/NA", "Reviewed/Not Achieved" & "Achieved" to allow for assessment of patient advancement through time
- 6. Addition of space for patient label
- 7. Formulation of plan to upload into EPIC (Yale's EMR)
- 8. PDSA cycle #1: Hemophilia Comprehensive Clinic use and Patient feedback
- 9. Team members reviewed HEMO-Milestones for ages 12-18yo.
- 10. Decision made to break 12-18yo into two groups, tool refined and finalized for ages 12-14yo, 15-17yo

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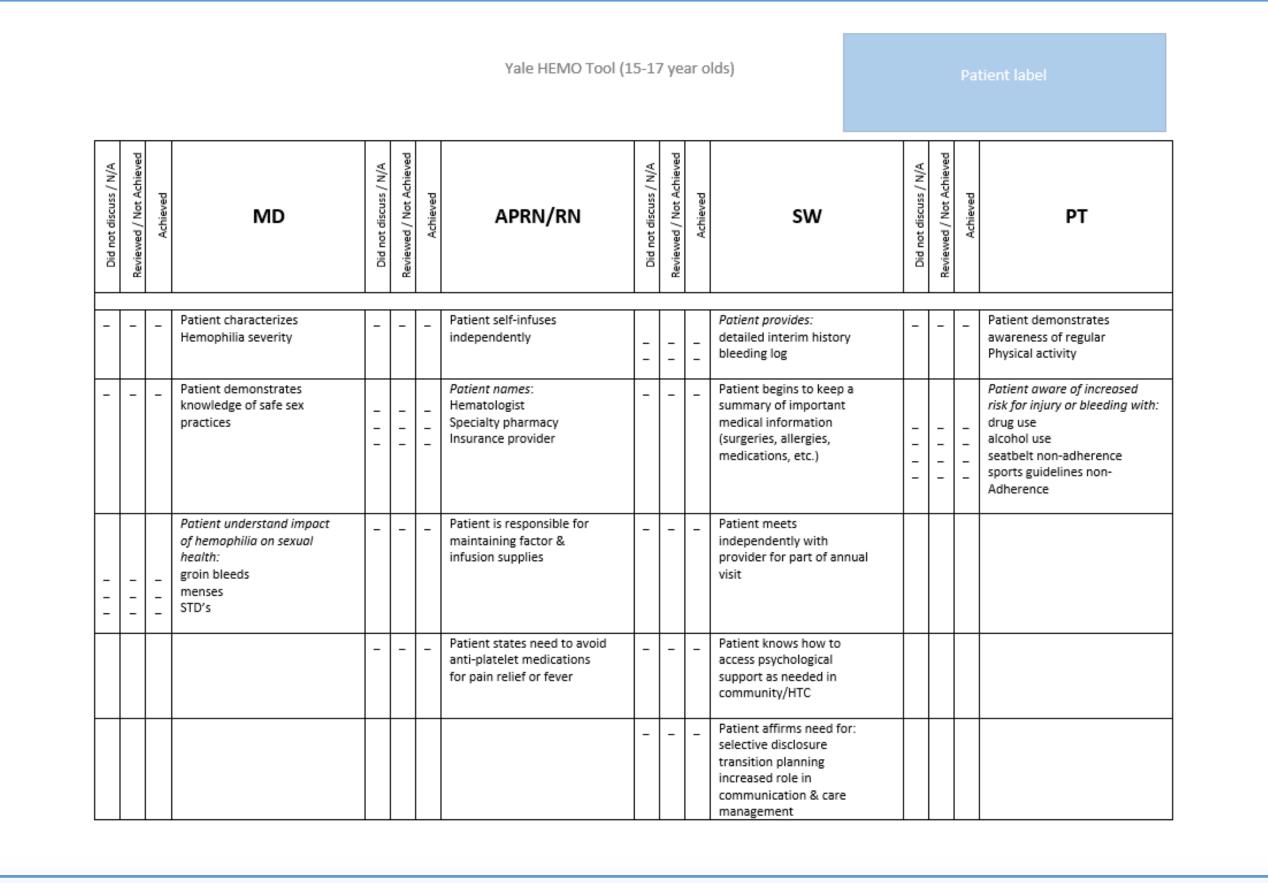
PDSA # 1

Plan: Review and establish age-specific transition milestones; create milestone tool, adapting Boston *HEMO-Milestones* tool for specific age groups.

Do: Implement in comprehensive clinic using it on three patients, then repeating with three patients and then all eligible patients in comprehensive clinic.

Study: Tool takes time to use; patient feedback positive – very engaged and eager for more information. Number of patients actually used.

Act: Changes made to make responsibilities more clear and milestones already achieved marked ahead of time. Additional plans to provide patient with copy of completed tool and personalized action plan.



Measures

- Use in eligible patients in Comprehensive Clinic
- Future analysis of patient achievement

Results

Patient Feedback:

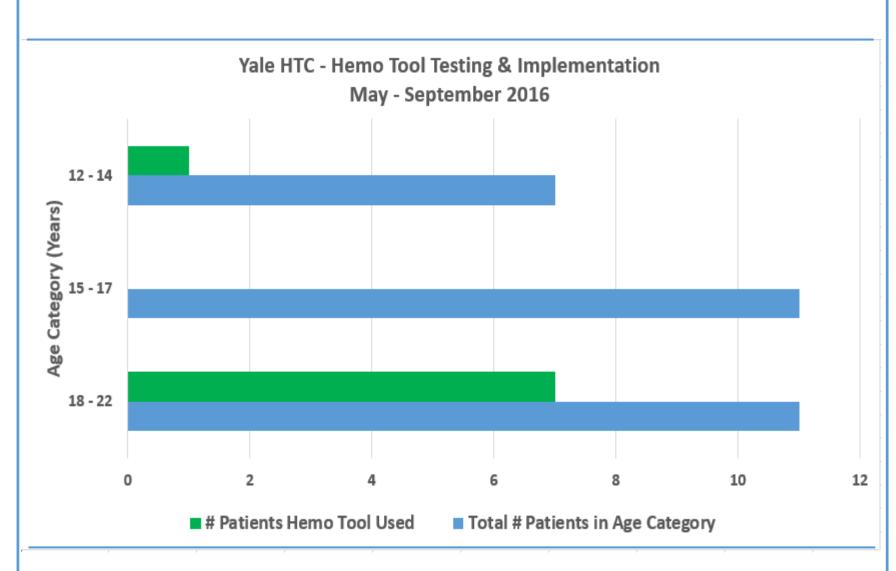
It is great that you are doing this, I feel like I already know all of this stuff, but I guess there are other people my age who don't.

18yo M with severe Hemophilia A

I think people are going to respond well to the assessment, but what if they need help with something. Do you have handouts or pamphlets or something?

— 19yo F with moderate Hemophilia A
This is great! Can I get a copy?

21yo M with severe Hemophilia A



Summary

The Yale HTC providers have developed an improved quality improvement capability through the Quality Improvement Learning Collaborative partnering with ATHN and The Dartmouth Institute Microsystems Academy (TDIMA).

Through careful reflection and self-assessment in the 5 P's evaluation, the development of global and specific aims allowed the team to clarify our comprehensive clinic flow, choose and modify a patient assessment tool and develop our first PDSA cycle.

Successful implementation of the milestone tool within our clinics will allow us to better understand patient needs and provide optimal care to our patients and families.

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References

Croteau, S. E., Padula, M., Quint, K., D'Angelo, L. and Neufeld, E. J (2016), Center-Based Quality Initiative Targets Youth Preparedness for Medical Independence: *HEMO-Milestones Tool* in a Comprehensive Hemophilia Clinic Setting. Pediatr Blood Cancer, 63: 499–503.