

Banner Children's
Cardon Children's Medical Center

Hot Topics: Febrile Neutopenia: Safely Navigating the Emergency Department

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15 TOP **STAGE 7**

Current Recommendations

<div style="background-color: #4f81bd; color: white; padding: 10px; text-align: center; font-weight: bold;">Adult</div>	<ul style="list-style-type: none"> • Timely care • In vs. Out-patient • ED Process <p><small>Best et al., 2011; Cull & Nolan, 2009 Gundersen et al., 2013; Wierema, Konecny & Links, 2013</small></p>
<div style="background-color: #4f81bd; color: white; padding: 10px; text-align: center; font-weight: bold;">Pediatric</div>	<ul style="list-style-type: none"> • Timely care • ED Process • Standard Orders <p><small>Burry et al., 2012; Cash, Deloach, Graham, Shirm & Mian, 2014; Dobrzynski et al., 2013; Volpe et al., 2014</small></p>

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Objectives

- Compare the most recent research regarding the care of febrile pediatric and adult oncology & stem-cell transplant patients with the current practice in his/her institution
- Analyze the use of the fast-track method of admission at Cardon Children's Medical Center and the corresponding patient education.
- Evaluate how the fast-track method of ED to in-patient admission can be implemented in other programs

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HOW DO WE ACCOMPLISH THIS?

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Current Practice

<div style="background-color: #4f81bd; color: white; padding: 5px; text-align: center; font-weight: bold;">Adult</div> <ul style="list-style-type: none"> • Program specific practices • No general consensus <p><small>Best et al., 2011; Cull & Nolan, 2009 Gundersen et al., 2013; Wierema, Konecny & Links, 2013</small></p>	<div style="background-color: #4f81bd; color: white; padding: 5px; text-align: center; font-weight: bold;">Pediatric</div> <ul style="list-style-type: none"> • "Rapid" administration of antibiotics • Inconsistent ED practices <p><small>Burry et al., 2012; Cash, Deloach, Graham, Shirm & Mian, 2014; Dobrzynski et al., 2013; Volpe et al., 2014</small></p>
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CCMC Standards for febrile neutropenic patients

Place of service

ED with "fast track" card

First dose within 60 minutes

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ED “fast track” card

Attention Emergency Room:
I am a patient of
Banner Pediatric Specialists
Hematology/Oncology

Please call ASAP at 480-412-4100
when I arrive in the ER. Please remember:

- I have a central line.
(broviac or port a cath)
- I am immuno-compromised.
- Please do not take my temperature rectally or give me rectal medications.



New Diagnosis Checklist

	Signature/Date	Reinforced	Verbalized
Diagnosis and Treatment Plan:		Initials/Date	Initials/Date
Verbalizes understanding of diagnosis			
Have copy of roadmap or calendar and drug sheets			
Copy of COG Family Handbook given to patient/family			
Fever and Neutropenia Protocol:			
Verbalizes s/s of infection and temp of 100.5 (no rectal temps)			
Has a thermometer at home (demonstrates use)			
Has a laminated ED card & Family Information packet			
Knows ways to prevent infection (handwashing, daily hygiene)			

Indicate who was taught: M=Mother, F=Father, P=Patient, O=Other



Spanish reverse side

Atención Sala de Emergencia

Soy paciente del
Banner Pediatric Specialists
Hematology/Oncology

Por favor llámeno lo mas pronto posible al 480-412-4100
cuando llegue a la sala de emergencia recuerda que:

- Tengo una línea central. (broviac o port a cath)
- Mi sistema inmunológico se encuentra comprometido.
- Por favor no me tome la temperatura rectal o me dé medicamentos por el recto.



Nurse Magnet

Emergency Information

#480-412-4100 Oncology Outpatient Clinic and Physicians (24 hour answering)

#480-412-6275 Pediatric Outpatient Treatment Center (M-F, daytime hours regarding procedures, outpatient chemotherapy)

#480-412-6600 Cardon Pediatric Inpatient Unit

Call 911 if your child:

- Is not breathing or has difficulty breathing
- Has skin or lips that look blue
- Is having a seizure and you have not been told that these can be managed at home
- Does not wake up after you have attempted to awaken them (loss of consciousness)

Call #480-412-5400 if your child has:

- Fever (100.4°F or 38.0°C) or chills (**call immediately – day or night)
- Uncontrolled bleeding that does not stop within 5-10 minutes
- A change in behavior or level of consciousness (such as being sleepy, very irritable, or not making sense when talking)
- A sudden change in vision
- A severe headache
- New weakness of the face, arm, or leg
- Uncontrolled pain
- Repeated vomiting or diarrhea
- The inability to drink or keep down fluids
- A break in the central line (clamp closest to patient)
- Exposure to chemicals or sunlight
- Any other symptom your physician or nurse has instructed you to call with.

**If instructed to go to the ER or hospital by the physician, take your ER card and medications with you and inform the ER you are a pediatric oncology patient.



Family Education

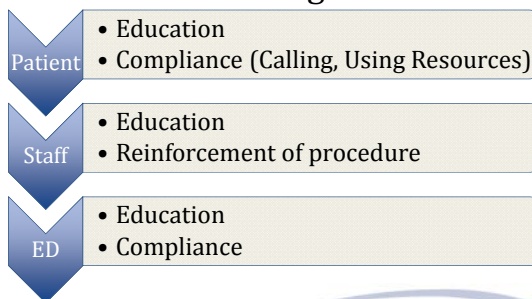
New Diagnosis Checklist

Home Magnet

ED “Fast Track” Card



Challenges



Application

- What current pediatric practices are in place at your institutions?
- What current adult practices are in place at your institutions?
- How would you apply this process to your institution?



Questions?



References

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