TRAUMA CASE PRESENTATION
Peri-Operative Treatment Considerations for Multi-Extremity Trauma
2018 OTA PA/NP Trauma Course
Gaylord Palms Resort
Orlando, Florida
Dennis C. Gregory PA-C

DISCLOSURES
- Acelity Consultant
- Chair PA/NP OTA Trauma Course
- Ex-Officio Member OTA Membership Committee

HISTORY
HPI: Priority 1 Helmeted 46 yr/o M MCA @ 50-70 mph, Head on Collision
Neuro: (+) LOC, GCS 15
Vitals: 148/89 93 20 SpO2: 93% 36.9ºC
PMx: Hearing Loss
PSHx: Urethral/Bladder, Vasectomy
Meds: None
All: NKDA
FMx: No cardiopulmonary or anesthetic difficulties
SHx: ( ) Ca | ( ) TON | ( ) Wth, Married, Employed - Operator Manager
ROS: Right Elbow, Multiple Open LE Gross Deformities and Abrasions

LABS/INTERVENTIONS/STUDIES
- Hg/Hct: 13.9/39.8 → 10.2/29.5 → 6.5/18.4
- PT/INR: 1.0/11.7
- ETOH/DS: 0.012/NL
- Meds: Ancef/Gentamycin/TXA Tetanus UTD
- Tx: 1 uPRBCs
- Protocols: ATLS/ACLS
- Surveys: Primary/Secondary/Tertiary
- CT: Head/Abd/Pelvis (+) Grade 2 Splenic Lac, R PTX with 7th Rib Fx, Possible R acetabulum Fx, C/T/L - Spine (+)
- MRI: R Knee (+)

ADMISSION/CONSULTS
- Admission: Trauma
- Consults: Orthopaedics, MSW, PT/OT, PMR, SLP, RD, Bone Health
- DVT: Lovenox - Inpatient, ASA - Outpatient
- LOS: 8 days with 2 additional OP Sx

UE INJURY
POST OP 4WKS

- Dx: Right distal fibula wound necrosis
- Sx: Excisional debridement right distal fibia with Xeroform dressing

POST OP 7WKS

SUMMARY - DCO

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>6/21/17</td>
<td>Post. Elbow Splint RUE</td>
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<tr>
<td></td>
<td>I&amp;D Open R Tibia Fxs</td>
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<tr>
<td></td>
<td>Provisional Ex-Fix RLE</td>
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<td>IMN R Femoral Shaft with Recon IT FX</td>
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<tr>
<td>6/23/17</td>
<td>Repeat I&amp;D RLE with VAC</td>
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<tr>
<td></td>
<td>ORIF R Tibial Plateau</td>
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<tr>
<td></td>
<td>IMN R Tibial Shaft</td>
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<td></td>
<td>ORIF R Olecranon</td>
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<td>6/27/17</td>
<td>Repeat I&amp;D RLE with Wound Closure</td>
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<td>Revision R Femoral Nail (IT and Shaft)</td>
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FOLLOW UP

<table>
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<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>6/29/17</td>
<td>D/C Acute Rehab</td>
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<tr>
<td>7/17/17</td>
<td>Repeat I&amp;D RLE Superficial Skin Necrosis with Tissue Mobilization and Skin Closure</td>
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<td>8/14/17</td>
<td>ORIF R Fibula with Delayed Union and Rev-Set Distal Tibia Vague Deformity with Screw Reinforcement</td>
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<td>NWB x2wks</td>
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FOLLOW UP

8/29/17
- NWB x4wks
- FAS Boot
- Ambulatory Assist

9/27/17
- FWB
- PT/HEP

11/8/17
- 4-12mo FU
- Right Elbow Dysfun
- ↑ Right LE Pain and Swelling
- B Shoulder and Left Knee Pain (Monitor)
- PT/Pool/HEP

9/27/17
- FWB
- PT/HEP

11/8/17
- 4-12mo FU
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- ↑ Right LE Pain and Swelling
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- PT/Pool/HEP

FOLLOW UP

12/20/17 – 4/19/18
- Work Hardening
- FCE
- Restrictions
- Sedentary
- MMI

6/20/18 – 8/22/2018
- 1yr FU
- + Post. Drawer and LCL Laxity
- Aggressive PT
- MMI

11/18/2018
- ??

Radiographs 6mo

Radiographs 10-12mo

Radiographs 6mo

Radiographs 10-12mo