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Scheduling Like a Pro

Joseph Gibney

HCA Healthcare, joseph.gibney2@HCAHealthcare.com

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UNIVERSITY OF
CENTRAL FLORIDA



UNIVERSITY OF CENTRAL FLORIDA COLLEGE OF MEDICINE / HCA HEALTHCARE GME CONSORTIUM

Scheduling like a Pro

Joe Gibney, MD MS
Chief Resident, PGY-3, Scheduler

CORD 2020
New York, NY

Financial Disclosure(s)

- I have no actual or potential conflict of interest in relation to this program/presentation.
- If someone wants to give me a reason to have a conflict of interest (i.e. \$), see me after the presentation 😊

Ocala Regional Medical Center: EM Residency

- Central Florida
- First Class Graduates 2020
- Class Size: 7
 - 21 total residents
- Level II Trauma Center
- Comprehensive Stroke Center
- Chest Pain Center



Me, and the Residency

- Chief since April 2019
- Scheduler since September 2017

DAYS NIGHTS SLING
 J-8 J-8 J-2
 V-10 V-8 V-0

Sur
 A 1 Vir Sing
 C 1 Joe Gib
 O
 A 1 Michael
 C 1 Lee Bar 1 Samyr E
 O 1 Jason L 1 Nick Mc

| August 2017 | | | | | | |
|--------------------------------|----------------------|-------------------|------------------|----------------------|------------------------|------------------------------|
| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
| | 31 A-JOE O-VIR | 1 A- B-JOE | 2 B- O-VIR | 3 A-JOE O-VIR | 4 VIR OFF A-JOE | 5 VIR OFF JOE OFF |
| 6 VIR OFF A- O-JOE | 7 A-VIR O-JOE | 8 A-VIR B- | 9 B- O-JOE | 10 A-VIR O-JOE | 11 A-VIR O-JOE | 12 JOE OFF O-VIR |
| 13 JOE OFF A- O-VIR | 14 A-JOE O-VIR | 15 A-JOE B- | 16 B-JOE | 17 A-JOE O-VIR | 18 A- O-VIR | 19 VIR OFF A-JOE O- |
| 20 VIR OFF A-JOE O- | 21 A-VIR O-JOE | 22 A-VIR B- | 23 B O-JOE | 24 A-VIR O-JOE | 25 JOE OFF A-VIR | 26 JOE OFF A-VIR |
| 27 JOE OFF A-VIR NO O | 28 | 29 | 30 | 31 | | |

Friday
 Jul 1
 Jul 8
 Ferras
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 Cauley = 45
 ney
 Jul 15
 ney = 29
 Ferras
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 Elbadri

Some statistics

- 2 Block schedules created
- 280 unique EM blocks scheduled
- By end of academic year 2020
 - Appx. 50,000 EM resident hours scheduled
 - Appx. 25,000 off-service hours scheduled

What our schedules look like now...

| | | Block 5, 2019 ED master schedule | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|-----|----------------------------------|-----------|-----------|-----------|---------|-----------|-----------|---------|-----------|---------|-------|-------|-----------|-----------|--------|---------|--------|----------|------------|-----------|---------|-----------|-----------|------------|------------|--|
| | | off | 2 days | 5 nights | | | | | | | | | | | | | | | | | | | | | | | |
| | | EM | EM | EM | EM | EM | Elect | PEM | EM | PEM | PEM | EM | EM | V | MICU | Ortho | OB | An/Us | EM | Trauma | Rad | EM | | | | | |
| | | Barber | Elsadri | Ferrari | Gibney | Lippert | McCawley | Sisak | Georgas | Ison | Jahromi | Kazmi | Smith | Tashkum | Umagyky | Alkwas | Clarke | Husbar | Leubiner | Neumeister | Ratik | Ruzicka | FM-Ganser | IM-Clacke | IM-Guach | TY-Culbert | |
| 21-Oct | Mon | Elect | V | B | C | EMS | A | SF 12A | SICU | B | V | MICU | PEM | A | OFF | OB | A | Ortho | V | Eye | C | CCU | OFF | | B | C | |
| 22-Oct | Tue | Elect | V | B | OFF | EMS | OFF | A | SICU | B | V | MICU | PEM | A | B | OB | A | Ortho | V | Eye | OFF | CCU | Clinic | | OFF | OFF | |
| 23-Oct | Wed | Elect | V | Conf, C | Conf, OFF | EMS | Conf, B | Conf, OFF | SICU | Conf, B | V | MICU | PEM | Conf, OFF | Conf, OFF | OB | Conf, B | Ortho | V | Eye | Conf, C | CCU | Didactic | | Conf, SF B | Conf, C | |
| 24-Oct | Thu | Elect | V | OFF | OFF | EMS | 12B | 12A | SICU | OFF | V | MICU | PEM | 12B | 12A | OB | OFF | Ortho | V | Eye | OFF | CCU | A | | B | C | |
| 25-Oct | Fri | Elect | V | A | A | EMS | OFF | OFF | SICU | A | V | MICU | PEM | OFF | OFF | OB | C | Ortho | V | Eye | OFF | CCU, B | B | | B | C | |
| 26-Oct | Sat | ACEP | ACEP | ACEP | ACEP | ACEP | ACEP | ACEP | SICU | 12A | V | MICU | PEM | ACEP | OFF | OB | 12B | Ortho | V | Eye | 12A | CCU | B | | 12B | OFF | |
| 27-Oct | Sun | ACEP | ACEP | ACEP | ACEP | ACEP | ACEP | ACEP | SICU | 12A | V | MICU | PEM | ACEP | 12B | OB | 12B | Ortho | V | Eye | 12A | CCU | 12B | | OFF | 12A | |
| 28-Oct | Mon | ACEP | ACEP | ACEP | ACEP | ACEP | ACEP | ACEP | SICU | 12A | SICU | MICU | PEM | ACEP | 12B | OB | 12B | Ortho | An/Us | Rad | 12A | CCU | OFF | | | 12A | |
| 29-Oct | Tue | ACEP | ACEP | ACEP | ACEP | ACEP | ACEP | ACEP | SICU | A | SICU | MICU | PEM | ACEP | OFF | OB | OFF | Ortho | An/Us | Rad | B | CCU | Clinic | | | 12A | |
| 30-Oct | Wed | ACEP | ACEP | ACEP | ACEP | ACEP | ACEP | ACEP | SICU | Conf, OFF | SICU | MICU | PEM | ACEP | Conf, B | OB | Conf, C | Ortho | An/Us | Rad | Conf, B | CCU | Didactic | | | Conf, C | |
| 31-Oct | Thu | Elect | C | OFF | A | EMS | OFF | B | SICU | OFF | SICU | MICU | PEM | A | B | OB | C | Ortho | An/Us | Rad | B | CCU | A | | C | | |
| 1-Nov | Fri | Elect | C | B | OFF | EMS | A | OFF | SICU | B | SICU | MICU | PEM | A | C | OB | C | Ortho | An/Us | Rad | OFF | CCU | B | | | OFF | |
| 2-Nov | Sat | Elect | 12B | 12B | 12A | EMS | OFF | 12A | SICU | OFF | SICU | MICU | PEM | OFF | OFF | OB | OFF | ATLS | An/Us | Rad | ATLS | ATLS | 12B | | | 12A | |
| 3-Nov | Sun | Elect | 12B | 12B | 12A | EMS | 12A | OFF | SICU | OFF | SICU | MICU | PEM | OFF | OFF | OB | OFF | ATLS | An/Us | Rad | ATLS | ATLS | 12B | | | OFF | |
| 4-Nov | Mon | Elect | OFF | C | B | EMS | A | OFF | SICU | A | SICU | MICU | PEM | C | B | OB | B | Ortho | An/Us | V | A | CCU | OFF | C | | OFF | |
| 5-Nov | Tue | Elect | OFF | OFF | OFF | EMS | B | A | SICU | A | SICU | MICU | PEM | OFF | B | APLS | APLS | APLS | APLS | APLS | APLS | APLS | Clinic | OFF | | B | |
| 6-Nov | Wed | Elect | Conf, B | Conf, C | Conf, OFF | EMS | Conf, OFF | Conf, OFF | SICU | Conf, C | SICU | MICU | PEM | Conf, B | Conf, OFF | APLS | APLS | APLS | APLS | APLS | APLS | APLS | Didactic | Conf, C | | Conf, OFF | |
| 7-Nov | Thu | Elect | OFF | OFF | A | EMS | B | C | SICU | OFF | SICU | MICU | PEM | B | A | OB | B | Ortho | An/Us | V | C | CCU | C | | OFF | A | |
| 8-Nov | Fri | Elect | OFF | OFF | A | EMS | B | C | SICU | OFF | SICU | MICU | PEM | OFF | A | OB | B | Ortho | An/Us | V | C | CCU | C | | B | A | |
| 9-Nov | Sat | Elect | 12A | 12B | OFF | EMS | OFF | OFF | SICU | 12A | SICU | MICU | PEM | 12A | 12B | OB | OFF | Ortho | An/Us | V | OFF | CCU | OFF | C | | A | |
| 10-Nov | Sun | Elect | 12A | 12B | OFF | EMS | 12B | OFF | SICU | OFF | SICU | MICU | PEM | 12A | OFF | OB | OFF | Ortho | An/Us | V | OFF | CCU | OFF | 12B | | OFF | |
| 11-Nov | Mon | Elect | A | OFF | OFF | EMS | WM 12B | B | V | OFF | SICU | MICU | PEM | B | C | V | OFF | Ortho | An/Us | OB | A | CCU | 12A | | C | | |
| 12-Nov | Tue | Elect | A | OFF | B | EMS | 12B | B | V | A | SICU | MICU | PEM | OFF | OFF | V | B | Ortho | An/Us | OB | A | CCU | Clinic | OFF | | OFF | |
| 13-Nov | Wed | Elect | Conf, OFF | Conf, OFF | Conf, 12B | EMS | Conf, B | Conf, OFF | V | Conf, OFF | SICU | V | PEM | Conf, C | Conf, OFF | V | Conf, C | Ortho | An/Us | OB | Conf, OFF | CCU | Didactic | 12A | | OFF | |
| 14-Nov | Thu | Elect | 12B | 12A | OFF | EMS | OFF | OFF | V | 12B | SICU | V | PEM | C | 12A | V | OFF | Ortho | An/Us | OB | B | CCU | OFF | A | | OFF | |
| 15-Nov | Fri | Elect | C | A | OFF | EMS | OFF | B | V | C | SICU | V | PEM | OFF | A | V | OFF | Ortho | An/Us | OB | B | CCU | B | | OFF | C | |
| 16-Nov | Sat | Elect | OFF | OFF | 12A | EMS | OFF | 12B | V | OFF | SICU | V | PEM | 12B | 12A | V | 12A | Ortho | An/Us | OB | OFF | CCU | OFF | OFF | | 12B | |
| 17-Nov | Sun | Elect | OFF | OFF | 12A | EMS | WM 12B | 12B | V | OFF | SICU | V | PEM | 12B | OFF | V | 12A | Ortho | An/Us | OB | OFF | CCU | OFF | 12A | | OFF | |
| | | EM | EM | PICU | EM | EM | EM | Elect | EM | SICU | EM | EM | EM | MICU | PEM | Trauma | EM | EM | PEM | OB | PEM | An/Us | | | | | |

How to be a good scheduler...

Be intentional

- Parameters and priorities
- Have a protocol
- My recommendation: Create a master calendar
 - Conferences
 - Weekly, state, national
 - Mandatory trainings
 - Wellness events
 - Exams

Set expectations

- Starts when you become chief
- Buy-in from faculty and fellow chiefs
 - Unified message
 - Communicate early and often

Be transparent

- Be able to explain your decisions
- Ask for help when you need it
- Avoid helping yourself first

Balance fairness and flexibility

- Perfection is not achievable
- Consider the human element
 - Put yourself in their shoes
- Avoid boxing yourself into a corner
- Know your residents' preferences

Find joy

Questions?

