

TIPS for Residents Microteaching

For the conclusion of each day of TIPS, you will teach a relatively short (5-10 minute) session. You may teach anything you like as long as it is **medically related/relevant**. You may **deliver in any fashion** you like – PowerPoint, white board, table discussion, simulated procedure, etc. (you may want to use a delivery method you are uncomfortable with). You may want to teach something for the benefit of other residents in your TIPS group or practice something you will likely be teaching in the future (your “learners” may be colleagues, medical students, or patients).

While the possibilities for topics are virtually limitless, some residents have difficulty deciding what to teach so the lists below may help – just some ideas to consider:

Disease/Condition (any aspect – presentation, differential, etiology, management, etc. – you likely can’t do it all in 5-10 minutes):

Hypertension in pregnancy
Fever
Insomnia
Fractures
Febrile seizures
Dehydration in children
Radial head subluxation

Upper GI bleed
Alcohol withdrawal
Nephrolithiasis
Melanoma
Kawasaki disease
Renal colic
Compartment syndrome

Procedure/Skill:

Pediatric lumbar puncture
Epley maneuver
Pulmonary function test
Sensitivity calculation
Pain assessment
IV catheter placement
Writing prescriptions

X-ray interpretation
Sedation
Communicating bad news to patients
Consult
Fracture reduction
Suturing
Removing a fish hook

Information/Knowledge:

SMA medical-legal guidelines
Prescription review program
Contraception
Informed consent
Physician wellness (ex: meditation)
Surviving R1
Sun safety
Preparation for 1st call shift

Cranial nerves
E-health
Knee ligaments
Screening
Jones criteria
Use of alternative therapies
Primary survey
Inhaler/pharmaceutical education with patient