

Team 15 wishes you luck at SLC!!



March Newsletter

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Monthly Motivation

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JOHN WOODEN

Don't let what you cannot do interfere with what you can do.

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The Humerus



“You caught a virus from your computer and we had to erase your brain. I hope you've got a back-up copy!”

President's Pen

Hello to all,

Our State Leadership Conference is now ONLY a few days away! I am beyond thrilled and cannot wait to see and meet so many new beautiful faces! Our conference will be phenomenal this year and all because of you guys, so keep up the great work you're doing. You should expect to see many great activities, awards, prizes, speakers, workshops, andddd a NATIONAL OFFICER! That's right, a national official! In the meantime, I hope everyone has been studying and well prepared. See you all soon and good luck on your competitions!

-Katelyn Broussard, State President



Upcoming Events:

March 16 - Deadline for HOSA Cup Points

March 20 & 21 - State Leadership Conference

March 22 - Begin accumulating HOSA Cup points for the following year



Health Profession Spotlight!



Physical Medicine and Rehabilitation (PM&R), also known as physiatry, is a medical specialty that emphasizes the prevention, diagnosis, treatment and rehabilitation of people disabled by disease, disorder or injury. Physiatrists use a combination of both pain treatments and physical therapy in order for patients to avoid undergoing surgery.

Q&A!

What is the best part of being a physiatrist?

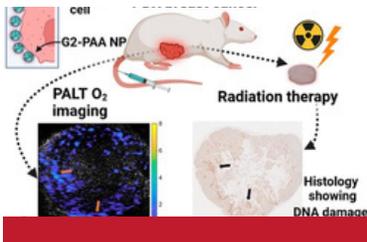
The best part is to see patients improve medically as well as functionally, and be well enough to go home as productive members of society. They're able to go home mostly pain free and able to take care of themselves, not having to depend on family and friends for help.

What does a physiatrist's job encompass?

A physiatrist deals with medically sick patients at the inpatient rehab unit, offers interventional as well as non-medication related pain management, spearheads concussion, traumatic brain injury and spinal cord injury rehab. They also assist with post orthopedic and pediatric rehabilitation. Spasticity management along with prescribing appropriate orthotics and prosthetics, performing EMGs and nerve conduction studies is an important part of a physiatrist's job.



What in the World is going on?



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Currently, the location, size, and aggressiveness of a tumor are the primary factors used to recommend the best cancer treatment options. Using specialized nanoparticles, a team of researchers from the University of Michigan and two Italian universities have shown that an imaging system can produce a real-time, high-resolution chemical map that displays the distribution of important compounds in a tumor.

The team started by testing on mice that were implanted with tissue from a biopsy of a patient's tumor. They proceeded by injecting the nanoparticles to target the tumor. By testing on rats, it allowed for optimization of treatment methods for each patient. With advanced chemical mapping, it would also allow for a more personalized treatment to each patient's tumor, their ultimate goals would be to have the ability to have the chemical maps inside of each patient.