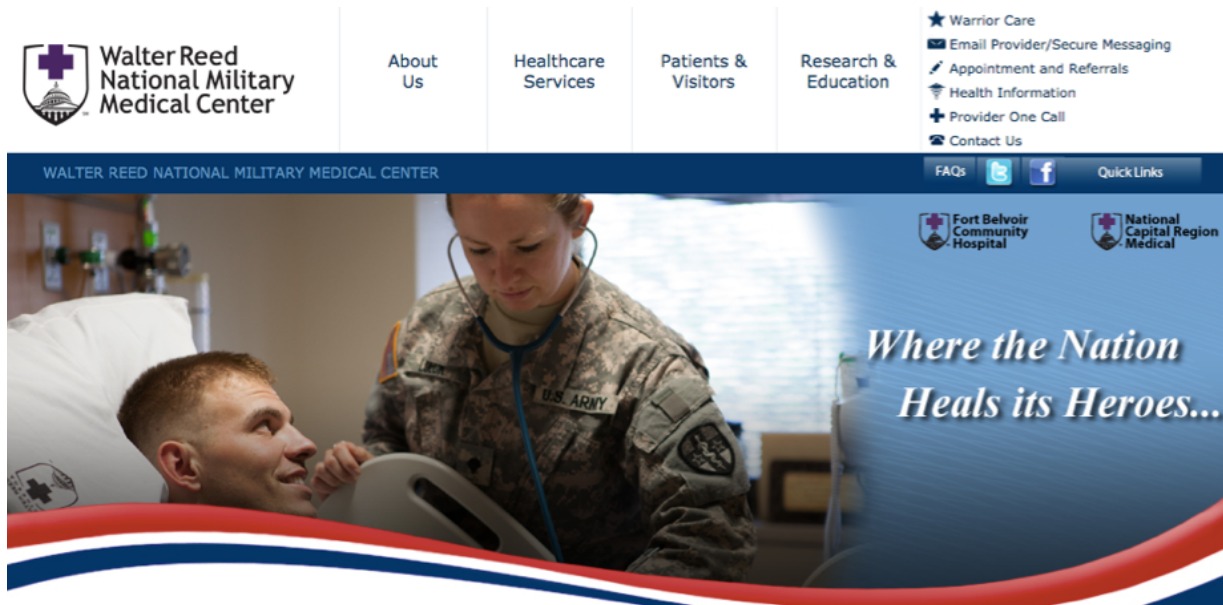


Advances in Medicine

Lessons from the Great War



100 Years of Progress

When the United States entered World War I in 1917 roughly one fourth of the physicians in the country joined or were drafted into the American Expeditionary Forces and served in Europe. Adapting medical practices and technologies to war demanded specialized expertise and new types of training. Scientists and engineers developed x-ray equipment and techniques suitable for war conditions and medical personnel including physicians, nurses, technicians, ambulance drivers and other care providers received standardized training as part of the U.S. Army Medical Department. New advances in medicine such as the development of x-ray technology enabled surgeons to locate and remove shrapnel from the body saving countless lives and providing more refined treatment to injured troops.

Directions: To mark the centennial of America entering the Great War, choose a modern medical speciality from the list provided and conduct historical research on the development of that specialty in the last 100 years. Document five events, people, and places of interest involved in the medical specialty as well as the primary patient populations who utilize this type of provider, the medical treatments and procedures offered and any preventative practices that are available or recommended to patients by this field of medicine. Lastly, make three predictions of future advances in that field.

Advances in Medicine

Examining Modern Medical Specialties

Allergy, Immunology, and Immunizations

Anesthesia

Audiology and Speech

Behavioral Health

Cardiology

Chiropractic

Dermatology

Dentistry and Orthodontics

Emergency Medicine

Endocrinology

Gastroenterology

Gynecology

Hematology

Infectious Disease

Integrative Health and Wellness

Neonatology

Nephrology

Neurology

Nuclear Medicine

Nutrition

Obstetrics

Occupational Therapy

Oncology

Orthopaedics and Rehabilitation

Ophthalmology

Optometry

Pediatrics/Adolescents

Pharmacology

Phlebotomy

Pulmonary

Podiatry

Radiology

Reproductive Health

Rheumatology

Sleep Medicine

Surgery (Cardiothoracic, General, Neurosurgery, Otolaryngology, Plastic, Transplant, Trauma, Vascular)

Urology

Additional information on medical specialties can be found under Healthcare Services on the Walter Reed National Military Medical Center Website at www.wrnmmc.capmed.mil.

Advances in Medicine

Specialty: _____

Events of Interest:

1. _____
2. _____
3. _____
4. _____
5. _____

Background of People of Interest:

1. _____
2. _____
3. _____
4. _____
5. _____

Places of Interest:

1. _____
2. _____
3. _____
4. _____
5. _____

Population Served:

Treatments and Procedures Offered:

Recommended Preventative Practices:

Future Predictions: