

CENTCOM - Vaccine Recommendations

Vaccine	Disease Effects	Dosing Schedule	Epidemiology - Transmission	Microbe	Route - Dose	Vaccine Type	Required in CENTCOM AOR
Anthrax	Skin, GI or Inhalation infection, death (common)	0,2,4w,6,12,18m + annual booster	Inhalation, Cutaneous, Gastrointestinal	Bacillus Anthracis (bacteria)	SC (over deltoid), 0.5ml	Inactivated	Required for 15 or more days in theater
Chickenpox	Rash, skin infections, pneumonia, death (rare)	0, 4-8w (2 dose)	Airborne, Direct Contact	Varicella-zoster virus	SC, 0.5ml	Live	Required if no immunity
Hepatitis A	Liver infection, death (rare)	0, 6m (2 dose)	Fecal-Oral	Hepatitis A virus	1-18yrs: IM, 0.5ml, >=19yrs: IM, 1ml, Twinrix >=18yrs: IM, 1ml	Inactivated	Required
Hepatitis B	Liver infection, chronic illness, death (rare)	0,1,6m (3 dose)	Bloodborne	Hepatitis B virus	0-19 yrs: IM, 0.5ml, >=20yrs: IM, 1ml, Twinrix >=18yrs: IM, 1ml	Inactivated	Required
Influenza (seasonal)	Incapacitation, death (rare)	1 dose annually	Respiratory, Airborne	Influenza A& B virus	Injectable: IM, 0.5ml, Intranasal: 0.2ml	Injectable - inactivated, Intranasal - Live	Required
Measles	Incapacitation, death (rare)	2 lifetime doses or + serologic testing	Respiratory, Airborne	Measles, mumps and rubella virus	MMR: SC, 0.5ml Measles: SC, 0.5ml	Live	Required
Meningococcal	Meningitis, death (moderate)	Menomune: every 3 yrs, Menactra: 1 time dose	Respiratory	Neisseria meningitidis (bacteria, 4 types)	Menomune: SC, 0.5ml, Menactra: IM, 0.5ml	Inactivated	Ethiopia, Eritrea, Djibouti, Somalia, Kenya- See AFMIC recommendations
Mumps	Incapacitation, death (rare)	2 lifetime doses or + serologic testing	Respiratory, Airborne	Measles, mumps and rubella virus	MMR: SC, 0.5ml, Mumps: SC, 0.5ml	Live	Required
Pneumococcal	Pneumonia, meningitis, infection of the bloodstream	High risk: 1 dose, Asplenic Only: 1 dose + 1 time booster if 5 yrs or greater since 1st dose	Respiratory	Streptococcus pneumoniae	SC or IM, 0.5ml	Inactivated	High risk health conditions per ACIP, asplenic
Polio	Paralysis, death (rare)	1 dose as adult	Fecal-oral	Polioviruses (3 types)	SC or IM, 0.5ml	Inactivated	Required
Rabies	Death (common)	Pre-Exposure: 0.7,(21 or 28d) Booster: 2-5 yr (when titer drops >1:5)	Threat from infected animals, including bats	Rabies virus	IM, 1 ml	Inactivated	Veterinarians, Special Ops
Rubella	Incapacitation, death (rare)	2 lifetime doses or + serologic testing	Respiratory, Airborne	Measles, mumps and rubella virus	MMR: SC, 0.5ml, Rubella: SC, 0.5ml	Live	Required
Smallpox	Incapacitation, scars, death (common)	1 dose, every 10 yr	Respiratory, Direct Contact	Variola virus	15 percutaneous jabs for primary and re-vaccinees, over deltoid	Live	Required 15 or more days in theater

CENTCOM - Vaccine Recommendations

Vaccine	Disease Effects	Dosing Schedule	Epidemiology - Transmission	Microbe	Route - Dose	Vaccine Type	Required in CENTCOM AOR
Tetanus	Paralysis, death (rare)	1 dose of Td every 10 yrs. Replace 1 Td dose with Tdap @ next booster then continue with Td.	Respiratory	Clostridium tetani, Corynebacterium, diphtheriae, Bordetella pertussis	Td:IM, 0.5ml Tdap: IM, 0.5ml Tetanus Toxoid: IM, 0.5ml	Inactivated	Required
Typhoid	Diarrhea, dehydration, death (rare)	Injectable: every 2 yr; Oral: every 5 yr	Water borne	Salmonella typhi	Injectable: IM, 0.5ml, Oral: 4 capsules (day 1,3,5,7)	Injectable - inactivated, Oral - Live	Required
Yellow Fever	Encephalitis, death (moderate)	1 dose, every 10 yr	Mosquito-borne	Yellow Fever virus	SC, 0.5ml	Live	Sudan, Ethiopia, Eritrea, Djibouti, Somalia, Kenya- See AFMIC recommendations