



Immunizations available at MCCHD Outpatient Clinic

301 W. Alder, Missoula, MT 59802

406-258-4745 or 406-258-3363

Routine Immunizations are available on a walk-in basis:

- Mondays, Tuesdays, Thursdays, and Fridays from 9:00am to 4:30pm
- Wednesdays, 10:00am-4:30pm

Travel Vaccines are available by appointment only; please call 258-3363 to schedule your pre-travel consult (consult fee may apply):

- Know before you go! Plan ahead 4-6 weeks before you travel and schedule your appointment
- We will review comprehensive health and safety issues for your specific travel itinerary
- Prescriptions for malaria prophylaxis, traveler's diarrhea, and high altitude acclimatization available depending on your risks
- Travel vaccines available:
 - Yellow Fever (including International Certificate of Vaccination book),
 - Typhoid (injectable and oral),
 - Japanese Encephalitis,
 - Pre-exposure Rabies
- You can also update any recommended routine vaccines during your appointment

Important Items:

- Please bring a copy of your current immunization record
- Please bring your insurance information: routine vaccines are provided at 100% for Missoula County Risk & Benefits.
- Please check with Risk & Benefits regarding payment for travel vaccines as a co-pay may be required at the time of service.
- Pre-travel consults are not covered by Risk & Benefits.

Routine Vaccinations given in Outpatient Clinic (walk-in)

Vaccine Name	Vaccine Protection	Disease Complications	Dose	Ages Vaccine Typically Administered
Dtap	Dtap protects against diphtheria, tetanus, and whooping cough in children	Diphtheria: Swelling of heart muscle, heart failure, coma, paralysis, death tetanus: Broken bones, breathing difficulty, death acellular pertussis (whooping cough): Pneumonia, death. Very serious in babies and children	Series of 4 – 5 doses	2 months – 6 years
Hib	Hib protects against Haemophilus influenzae type b	Meningitis, intellectual disability, epiglottitis, pneumonia, death	Series of 4, depending on age started. ACIP guidelines for certain medical conditions	2 months – 5 years
Pneumococcal (Prevnar: PCV-13) & PPSV23	PCV-13 & PPSV23 protect against pneumococcus	Bacteremia (blood infection), meningitis, death. PCV-13 also protects children against ear infections.	PCV-13: Series of 4 in children, depending on age started. Adults with certain high-risk conditions or immunosuppression may need PCV13. Healthcare provider recommendation needed. PPSV23: 1 dose after 65 years. If you are younger than 65 with chronic health conditions (asthma, smoking), 1 dose followed by 1 dose at 65 years.	Children: 2 months – 5 years Healthy adults: 1 dose after 65 years
RV (Rotavirus)	RV protects against rotavirus	Severe dehydration & diarrhea	3 oral doses, depending on age started	2 – 8 months
IPV (Polio)	IPV protects against polio	Paralysis, death	4 injectable doses, depending on age started 1 booster dose for adults if traveling to high risk area	2 months through 4-6 years

Routine Vaccinations given in Outpatient Clinic (walk-in)				
Vaccine Name	Vaccine Protection	Disease Complications	Dose	Ages Vaccine Typically Administered
MMR (Measles, Mumps, Rubella)	MMR protects against measles, mumps, rubella	Measles: brain swelling, pneumonia, death Mumps: Meningitis, brain swelling, inflammation of testicles or ovaries, deafness Rubella: Serious in pregnant women— can lead to miscarriages, stillbirth, premature delivery, birth defects	Usually 2 lifetime doses (daycare/school/college), 1 extra dose for select professions or travel	1 year & 4-6 years
Varicella	Varicella protects against chickenpox	Infected blisters, bleeding disorders, brain swelling, pneumonia	2 doses in children and adults who have not had the disease	1 year & 4-6 years
Hepatitis A	HepA protects against hepatitis A	Liver failure, joint pain, kidney, pancreatic, and blood disorders	2 doses	1 year through adulthood
Hepatitis B	HepB protects against hepatitis B	Chronic liver infection, liver failure, liver cancer	3 doses	Birth through adulthood
HPV (Human Papillomavirus)	Gardasil protects against cancer causing viruses in both girls and boys	Cancers of head, neck, cervix, vagina, anus, penis. Genital warts.	3 doses	Girls and boys can start 9 – 11 years through 26 years.
Influenza (Flu)	Flu protects against influenza virus	Pneumonia, severe weakness	1 dose per year 2 doses, 1 month apart for children under age 9 or receiving flu shot for first time.	6 months - adult
Meningococcal (Menactra & Menoveo – MCV4) (Menommune – MPSV4)	All brands protect against meningitis	Infection/swelling of brain and spinal cord, loss of arms or legs, deafness, nervous system dysfunction, developmental disabilities, seizures, stroke	MCV4: 2 doses depending on age. ACIP guidelines for certain medical conditions and travel risks (newer, more effective, longer lasting) MPSV4: 1 dose	MCV4: 11 – 21 years MPSV4: *56 years older for travel

Routine Vaccinations given in Outpatient Clinic (walk-in)				
Vaccine Name	Vaccine Protection	Disease Complications	Dose	Ages Vaccine Typically Administered
Tdap	Tdap protects against tetanus, diphtheria, and whooping cough	Tetanus: painful muscle spasms, lockjaw, difficulty breathing & swallowing, broken bones diphtheria: Swelling of heart muscle, heart failure, coma, paralysis, death acellular pertussis (whooping cough): Pneumonia, death. Very serious in babies and children	1 lifetime dose replacing 1 Td dose. Pregnant women receive 1 dose with <u>each</u> pregnancy after 27 week gestation.	7 – adulthood Women: with each pregnancy
Td	Td protects against tetanus & diphtheria	Tetanus: painful muscle spasms, lockjaw, difficulty breathing & swallowing, broken bones diphtheria: Swelling of heart muscle, heart failure, coma, paralysis, death	1 dose every 10 years or with deep, dirty wounds.	7 - adulthood
Zostavax	Zostavax protects against shingles	Very painful, sensitive skin rash, muscle stiffness and swelling, hearing problems, blindness, infected blisters, remaining pain in affected area after infection	1 lifetime dose even if had chickenpox disease or varicella vaccinations	60+ years 50 – 59 years with doctor’s prescription
Imovax (Rabies)	Imovax protects against rabies	Brain swelling and inflammation, death	Dependent on exposure Pre-exposure (for work): 3 doses. Very specific schedule. Post-exposure (animal bites): 4 doses. Very	All ages

			specific schedule.	
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Combination Vaccines given in Outpatient Clinic (walk-in)

Vaccine Name	Vaccine Protection	Disease Complications	Dose	Ages Administered
Pediarix (Dtap, IPV, Hep B)	Protects against diphtheria, tetanus, and whooping cough, polio, and hepatitis B	See above descriptions	3 dose series	Usually started at 2 months – 6 years.
Pentacel (Dtap, IPV, Hib)	Protects against diphtheria, tetanus, and whooping cough, polio, and hib	See above descriptions	4 dose series	Usually started at 2 months – 4 years. Not used after 5 years for booster dose.
Kinrix (Dtap, IPV)	Protects against diphtheria, tetanus, and whooping cough, and polio	See above descriptions	1 dose as booster	4 – 6 years (Kindergarten)
Twinrix (Hepatitis A & B)	Protects against hepatitis A & B	See above descriptions	3 dose series	18 and older

Travel Vaccine given in Outpatient Clinic (walk-in)

Vaccine Name	Vaccine Protection	Disease Complications	Dose	Ages Administered
Yellow Fever	Protects against the Yellow Fever virus that is spread by specific mosquitos	Influenza-like syndrome with fever, chills, headache, backache, myalgias, nausea, and vomiting. Can progress to serious or toxic form of the disease with jaundice, hemorrhagic symptoms, shock and multisystem organ failure. Can be fatal.	1 dose every 10 years	9 months and older

Travel Vaccines with Travel Consult Appointment

Travel consults are required to receive travel vaccines. Consults are by appointment. Please plan & schedule 4 – 6 weeks in advance so vaccines can be effective (consult fees may apply).

Vaccine Name	Vaccine Protection	Disease Complications	Dose	Ages Administered
Typhoid (injectable or oral)	Protects against the Typhoid bacteria that is spread in contaminated food & water sources	High fever, fatigue, weakness, stomach pains, headache, loss of appetite, and sometimes a rash. Can be fatal if untreated. Persons who get typhoid and recover can spread to others.	1 injectable dose or 4 oral doses	Injection: 2 years and older Oral: 6 years and older
Japanese Encephalitis	Protects against Japanese encephalitis virus that is spread by specific mosquitos	Can range from no symptoms to fever, neck stiffness, seizures, coma, and death. Persons who survive illness may have permanent disabilities.	2 injectable doses	2 months and older
Imovax (Rabies)	Imovax protects against rabies	Brain swelling and inflammation, death	Dependent on exposure Pre-exposure (for travel): 3 doses. Very specific schedule.	All ages