Healthcare Personnel Vaccination Recommendation

vaccines and recommendations in brief

measles and mumps vaccines given on or after WKH «UVW ELUWKGD\ DQG VH

Hepatitis B- If previously unvaccinated, give a 2-dose (Heplisav-B) or 3-dose (Engerix-Bmore, and at least 1 dose of live rubella or Recombivax HB) series. Give intramuscularly (IM). For HCP who perform tasks vaccine). HCP with 2 documented doses of WKDW PD\ LQYROYH H[SRVXUH WR EORRG RU ER OMMR, axe in our recommended to be serologi i opily 1–2 months after dose #2 (for Heplisav-B) or dose #3 (for Engerix-B or Recombivax HB). tested for immunity; but if they are tested and results are negative or equivocal for measles,

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MMR - For healthcare personnel (HCP) born in 1957 or later without serologic evidenceand are not in need of additional MMR doses. of immunity or prior vaccination, give 2 doses of MMR, 4 weeks apart. For HCP born prior to 1957, see below. Give subcutaneously (Subcut).

mumps, and rubella immunity, 2 doses of MMR Varicella (chickenpox) For HCP who have no serologic proof of immunity, prior YDFFLQDWLRQ RUGLDJQRVLV RUYHUL «FDWLRQ nated HCP born before 957 who do not have (shingles) by a healthcare provider, give 2 doses of varicella vaccine, 4 weeks apartaboratory evidence of disease or immunity to Give Subcut.

Tetanus, diphtheria, pertussis Give 1 dose of Tdap as soon as feasible to all HCP who have not received Tdap previously and to pregnant HCP with each pregnancy to rubella. For these same HCP who do not (see below). Give Td or Tdap boosters every 10 years thereafter. Give IM.

Meningococcal- Give both MenACWY and MenB to microbiologists who are routinely exposed to isolates of Neisseria meningitidisslong as risk continues: boost with MenB after 1 year, then every 2–3 years thereafter; boost with MenACWY every Varicella 5 years, Give MenACWY and MenB IM.

Hepatitis A, typhoid, and polio vaccines are not routinely recommended for HCP who may have on-the-job exposure to fecal varietia. Evidence of immunity in HCP includes

Hepatitis B

to be HBsAg positive should be counseled and Unvaccinated healthcare personnel (HCP) and/medically evaluated.

or those who cannot document previous vaccination should receive either a 2-dose series of 2-dose (Heplisav-B) or 3-dose (EngeBxor Re-Heplisav-B at 0 and 1 month or a 3-dose series combivax HB) vaccine series but no documenof either Engerix-B or Recombivax HB at 0, 1, and 6 months. HCP who perform tasks that should be tested for hepatitis B surface antibody (anti-HBs) 1-2 months after dose #2 of Heplisav-B or dose #3 of Engerix-B or Recombivax HB to document immunity.

- If anti-HBs is at least 10 mIU/mL (positive), the vaccinee is immune. No further serologic testing or vaccination is recommended.
- If anti-HBs is less than 10 mIU/mL (negative), the vaccinee is not protected from hepatitis B virus (HBV) infection, and should receive another 2-dose or 3-dose series of HepB vaccine on the routine schedule, followed by whose anti-HBs remains less than 10 mIU/ mL after 2 complete series is considered a "non-responder."

For non-responders: HCP who are non-responders Measles, Mumps, Rubella (MMR) should be counseled regarding precautions to prevent HBV infection and the need to obtain HBIG prophylaxis for any known or probable parenteral exposure to hepatitis B surface antigen immune to measles, mumps, or rubella only (HBsAg)-positive blood or blood with unknown HBsAg status. It is also possible that nonresponders are people who are HBsAg positive. HBsAg testing is recommended. HCP found

For HCP with documentation of a complete www.immunize.org/acip. tation of anti-HBs of at least 10 mIU/mL (e.g., those vaccinated in childhood): HCP who are at PD\ LQYROYH H[SRVXUH WR HDWRNROGRNUURERESSEWLLORVQDO EORRG RU ERG\ ¬XLG H[SR sure might undergo anti-HBs testing upon hire or matriculation. See references 2 and 3 for details.

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All HCP, including physicians, nurses, paramedics, emergency medical technicians, employees of nursing homes and chronic care facilities, students in these professions, and volunteers, VKRXOG UHFHLYH DQQXDO YDFFLQDWLRQ DJDLQVW LQ¬X-HQ]D /LYH DWWHQXDWHG LQ¬XHQ]D YDFFLQH /\$,9 may be given only to non-pregnant healthy HCP age 49 years and younger. Inactivated injectable LQ-XHQ]D YDFFLQH ,,9 LV SUHIHUUHG RYHU /\$,9 anti-HBs testing 1-2 months later. A vaccinee for HCP who are in close contact with severely immunosuppressed patients (e.g., stem cell transplant recipients) when they require protective isolation.

HCP who work in medical facilities should be immune to measles, mumps, and rubella.

 HCP born in 1957 or later can be considered if they have documentation of (a) laboratory FRQ«UPDWLRQ RIGLVHDVH RU LPPXQLW\ RU (b) appropriate vaccination against measles, mumps, and rubella (i.e., 2 doses of live

Immunization Action Coalition

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measles and/or mumps. One dose of MMR vaccine should be considered for HCP with no laboratory evidence of disease or immunity have evidence of immunity, 2 doses of MMR vaccine are recommended during an outbreak of measles or mumps and 1 dose during an outbreak of rubella.

Although birth before 1957 generally is con-

sidered acceptable evidence of measles,

It is recommended that all HCP be immune to documentation of 2 doses of varicella vaccine JLYHQ DW OHDVW GD\V DSD RI LPPXQLW\ ODERUDWRU\ FRO website at www.cdc.gov/vaccines/hcp/acip-recs/vac VSHFL«F LQGH[KWPO RU YLVL