

Vaccine-preventable infections common after peds transplant

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(HealthDay)—Hospitalization for vaccine-preventable infections occurs

in more than 15 percent of pediatric solid organ transplant recipients in the first five years after surgery, according to a study recently published in *JAMA Pediatrics*.

Amy G. Feldman, M.D., from Children's Hospital Colorado in Denver, and [colleagues](#) used data from the Pediatric Health Information System to assess hospitalizations for vaccine-preventable infections among 6,980 patients (mean age at [transplant](#), 8 years) in the first five years after pediatric solid organ transplant.

The researchers found a total of 1,490 cases of vaccine-preventable infections among 1,092 patients (15.6 percent). Of these cases, 13.1 percent occurred during transplant hospitalization. Transplant hospitalizations complicated by vaccine-preventable infections were \$120,498 more expensive than those not complicated by vaccine-preventable infections. For all infections, the case fatality rate was 1.7 percent. Increased risk for hospitalization from a vaccine-preventable [infection](#) was positively associated with age

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