

Systematic review and meta-analysis: Interventions to improve influenza and pneumococcal vaccination rates among community-dwelling adults

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Categories of quality improvement interventions

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Audit and feedback – Feedback of performance over a specified period of time to individual providers.

Case management – A system for coordinating diagnosis, treatment, or ongoing patient management by a person or multidisciplinary team in collaboration or supplementary to the primary care clinician.

Clinician education – Interventions designed to promote increased understanding of vaccination recommendations.

Clinician reminders – Paper-based or electronic system intended to prompt a health professional to provide vaccinations.

Community engagement – Involvement of intended vaccinees and other stakeholders in the design and implementation of the intervention.

Continuous quality improvement (CQI) (or similar) – Interventions that explicitly use techniques of continuous quality improvement, total quality management, or plan-do-study-act; or those that apply an iterative small-group process for implementing and evaluating practice change.

Delivery site change – Interventions involving the provision of vaccinations in settings other than public health clinics and physician offices.

Financial incentives (clinicians) – The interventions included financial incentives based on achievement of performance goals, as well as alternative reimbursement systems.

Financial incentives (patients) – Interventions that encourage patients to receive vaccination by providing payments or non-monetary incentives.

Patient outreach – Interventions designed to promote increased understanding of vaccination recommendations, or specific vaccination reminders or recommendations.

Team change – The assumption of additional or expanded roles related to providing vaccinations by non-physician clinical personnel.

Visit structure change – Group visits, patient pre-activation, or planned preventive care visits with a usual physician.