Clinical decision support for atypical orders: detection and warning of atypical medication orders submitted to a computerized provider order entry system.

Medical informaticists are still struggling with how to appropriately tailor warnings within computerized provider order entry systems in order to avoid alert fatigue. This preliminary study showed that identifying atypical orders—orders for common medications that differed from providers' previous orders for the same medication—may be a promising way to prevent prescribing errors.