



The FDA Safety Information and Adverse Event Reporting Program

Zyvox (linezolid): Drug Safety Communication - Serious CNS Reactions Possible When Given to Patients Taking Certain Psychiatric Medications

[UPDATED 10/21/2011]

FDA 更新了 linezolid (Zyvox) 與 serotonergic psychiatric medications 潛在藥物交互作用的訊息。並非所有的 serotonergic psychiatric drugs 都會和 linezolid (Zyvox) 作用導致 serotonin syndrome。FDA 不良事件通報系統的通報案例多發生在特定的 serotonergic psychiatric drugs，包含 selective serotonin reuptake inhibitor (SSRI) 或者 serotonin norepinephrine reuptake inhibitor (SNRI)。至於 linezolid (Zyvox) 和其他抗精神病藥物是否會有類似風險，目前仍不清楚。

[UPDATED 10/21/2011]

The FDA updated information on the potential drug interaction between linezolid and serotonergic psychiatric medications. Not all serotonergic psychiatric drugs have an equal capacity to cause serotonin syndrome with linezolid. Most cases from the FDA's Adverse Event Reporting System (AERS) of serotonin syndrome with linezolid occurred in patients taking specific serotonergic psychiatric drugs, namely a selective serotonin reuptake inhibitor (SSRI) or a serotonin norepinephrine reuptake inhibitor (SNRI). It is unclear at this time whether linezolid administration in patients receiving other psychiatric drugs with lesser degrees of serotonergic activity poses a comparable risk.

[Posted 07/26/2011]

FDA 接受了關於嚴重的中樞系統的反應報告，這種反應發生在給予 linezolid (Zyvox)，同時使用了抗精神病藥物的患者，這些抗精神病藥物是作用在大腦血清素的系統 (serotonin system)。這種潛在的藥物交互作用與使用建議將加註於 linezolid (Zyvox) 和 serotonergic psychiatric medications 的仿單上。

Linezolid (Zyvox) 不建議和 serotonergic drugs 併用。但可用於危及生命或需要緊急治療的狀況，例如：

- 1、用於治療 vancomycin-resistant *Enterococcus faecium* (VRE) 的感染。
- 2、用於治療院內感染的肺炎和複雜性皮膚感染，包含由 methicillin-resistant *Staphylococcus aureus* (MRSA) 造成的感染。

AUDIENCE: Infectious Disease, Psychiatry, Family Practice

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FDA has received reports of serious central nervous system (CNS) reactions when the antibacterial drug linezolid (Zyvox) is given to patients taking psychiatric medications that work through the serotonin system of the brain (serotonergic psychiatric medications). A list of the serotonergic psychiatric medications that can interact with linezolid can be found in the Drug Safety Communication. Safety information about this potential drug interaction and important drug usage recommendations for emergency and non-emergency situations are being added to the drug labels for serotonergic psychiatric medications and linezolid.

Linezolid should generally not be given to patients taking serotonergic drugs. However, there are some conditions that may be life-threatening or require urgent treatment with linezolid such as when:

- 1 、 Linezolid is used to treat vancomycin-resistant *Enterococcus faecium* (VRE) infections.
- 2 、 Linezolid is used to treat infections such as nosocomial pneumonia and complicated skin and skin structure infections, including cases caused by methicillin-resistant *Staphylococcus aureus* (MRSA).