

IN VIVO ACETYLCHOLINE PRODUCTION-PROMOTING DEVICE

ABSTRACT

Disclosed is a device which can promote *in vivo* production of acetylcholine.

The *in vivo* acetylcholine production-promoting device comprises: an artery-
5 compressing member which contacts any site on a limb and compresses an
artery/arteries located at the site when the artery-compressing member is pressurized;
and pressurizing means connected to the artery-compressing member, which, during
use, pressurizes the artery-compressing member for compressing the artery/arteries to
cause ischemia and then releases the pressure to allow reperfusion of blood through
10 the artery/arteries. By applying the device to an animal and repeating the limb
artery ischemia-reperfusion, production of acetylcholine can be promoted, and the
concentration of acetylcholine in the body can be increased.

Fig. 7