

Supplementary File 2: Patient selection criteria of included randomised controlled trials

Study	Selection (eligibility) criteria
Ahmed et al. 2011 ⁴³	<p>Inclusion: 'Chronic' PLP (abnormally painful sensation of great intensity)</p> <p>Exclusion: Patients with intracranial metallic devices, pacemakers or other devices, extensive myocardial ischemia, epilepsy, neurological or psychiatric diseases</p>
Bolognini et al. 2013 ³⁰	<p>Inclusion: age 18-90, score >24 on Mini Mental Health Examination, limb amputation at least 2 months before enrolment, stable presence of PLP for at least 2 months</p> <p>Exclusion: coexistence of major neurological or psychiatric disease, actively enrolled in a separate study targeting pain relief, contraindication to non-invasive brain stimulation</p>
Bolognini et al. 2015 ⁴⁵	<p>Inclusion: age 18- 90, normal score (>24) at the Mini-Mental State Examination, limb amputation at least 2 months before study enrolment, stable presence of PLP for at least 2 months, written informed consent.</p> <p>Exclusion: coexistence of major neurologic, neuropsychological, and psychiatric diseases, actively enrolled in a separate study targeting pain relief, any contraindication to non-invasive brain stimulation</p>
Malavera et al. 2016 ^{29, 47}	<p>Inclusion: age 18+, amputation at any level of one lower limb by antipersonnel land mines, symptoms compatible with PLP</p> <p>Exclusion: Diagnosis of complex regional pain syndrome, any pathology that could alter the course of PLP, pregnancy, neuropsychiatric disorders that affect ability to consent, contraindications to rTMS</p>
Irlbacher et al. 2006 ⁴⁴	<p>Inclusion: age 18+, full mental capacity, chronic phantom limb or central pain.</p> <p>Exclusion: History of head trauma or head surgery, seizures, implanted hardware, medications, neurological and medical illnesses and a family history of epilepsy.</p>
Radic et al. 2015 ⁴⁶	<p>Inclusion: diagnosis of unilateral upper extremity neuropathic pain secondary to phantom limb pain, stump pain or brachial plexus avulsion, neuropathic deafferentation facial pain, or upper extremity complex regional pain syndrome, pain refractory to conservative treatment, medically fit for neurosurgery, willing to provide informed consent</p> <p>Exclusion: not medically fit for surgery, not exhausted conservative methods of pain control, unable to provide informed consent, unable to undergo magnetic resonance imaging</p>