

TABLE E-1 Diagnostic Criteria for Complex Regional Pain Syndrome-I as Applied in the Studies

Veldman Criteria ³³	International Association for the Study of Pain Criteria ¹	Bruehl Criteria ³²
<p>(1) 4 or 5 of:</p> <ul style="list-style-type: none"> (a) Unexplained diffuse pain (b) Difference in skin color relative to other limb (c) Diffuse edema (d) Difference in skin temperature relative to other limb (e) Limited active range of motion <p>(2) Occurrence or increase of above signs and symptoms after use of the limb</p> <p>(3) Above signs and symptoms present in an area larger than the area of the primary injury or operation and including the area distal to the primary injury</p>	<p>(1) The presence of an initiating noxious event or immobilization</p> <p>(2) Continuing pain, allodynia, or hyperalgesia, in which the pain is disproportionate to any inciting event</p> <p>(3) Evidence of edema, changes in skin blood flow, or abnormal sudomotor activity at some time in the region of pain</p> <p>(4) This diagnosis is excluded by the existence of conditions that would otherwise account for the degree of pain and dysfunction</p>	<p>(1) Continuing pain that is disproportionate to any inciting event</p> <p>(2) At least 1 symptom must be reported by the patient in each of the 4 following categories:</p> <ul style="list-style-type: none"> (a) Sensory: hyperesthesia (b) Vasomotor: temperature asymmetry and/or skin color changes and/or skin color asymmetry (c) Sudomotor/edema: edema and/or sweating changes and/or sweating asymmetry (d) Motor/trophic: decreased range of motion and/or motor dysfunction (weakness, tremor, dystonia) and/or trophic changes (hair, nail, skin) <p>(3) On examination, evidence of at least 1 sign must be displayed in 2 or more of the following categories:</p> <ul style="list-style-type: none"> (a) Sensory: hyperalgesia (to pinprick) and/or allodynia (to light touch) (b) Vasomotor: temperature asymmetry and/or skin color changes and/or skin color asymmetry (c) Sudomotor/edema: edema and/or sweating changes and/or sweating asymmetry (d) Motor/trophic: decreased range of motion and/or motor dysfunction (weakness, tremor, dystonia) and/or trophic changes (hair, nail, skin)

TABLE E-2 Overview of Included Studies Involving Complex Regional Pain Syndrome-I as a Reason for Amputation Since 1948

Author	Term Used*	Publication Date	Type of Study	No. of Patients with Amputation	Diagnostic Criteria†
Kler ²⁵	PTD	1948	Subgroup	1	—
Lagier, Van Linthoudt ²⁹	SA	1979	Case series	2	—
Poplawski et al. ¹¹	PTD	1983	Subgroup	2	+
Churcher ²⁴	AD	1984	Single case	1	+
Rohrich et al. ¹⁹	RSD	1987	Single case	1	+
Eyres et al. ⁸	RSD	1990	Single case	1	+
Erdmann, Wynn-Jones ¹⁶	RSD	1992	Case series	2	+
Ritt, Jansen ^{28‡}	PTD	1992	Case series	2	+
Chiowanich et al. ²¹	RSD	1993	Single case	1	+
Szeinberg-Arazi et al. ³⁴	RSD	1993	Subgroup	10	—
Geertzen, Eisma ¹⁷	RSD	1994	Single case	1	+
Stam, van der Rijst ⁷	RSD	1994	Case series	7	—
Dielissen et al. ⁶	RSD	1995	Case series	28	Veldman ³³
Geertzen et al. ¹⁸	RSD	1997	Single case	1	+
van der Laan et al. ¹³	RSD	1998	Case series	8	Veldman ³³
Hooshmand, Hashmi ¹⁰	CRPS-I	1999	Subgroup	11	+
Lundborg et al. ³¹	CRPS-I	1999	Case series	2	+
Emmelot et al. ²⁰	RSD	2000	Single case	1	—
Busfield et al. ¹²	RSD	2004	Subgroup	1	—
Lausten-Thomsen, Laursen ^{23§}	CRPS-I	2005	Single case	1	+
Dudzinski ²⁶	CRPS-I	2005	Single case	1	—
Albrecht et al. ¹⁴	CRPS-I	2006	Case series	2	—
De Boer et al. ²⁷	CRPS-I	2007	Case series	3	—
Enggaard et al. ^{30§}	CRPS-I	2008	Single case	1	+
Groeneweg et al. ²²	CRPS-I	2008	Case series	2	Bruehl ³²
Hulsman et al. ¹⁵	CRPS-I	2009	Case series	14	IASP ¹
Total				107	

*PTD = posttraumatic dystrophy, SA = Südeck's atrophy, AD = algodystrophy, RSD = reflex sympathetic dystrophy, and CRPS-I = Complex Regional Pain Syndrome-I. †— = no diagnostic criteria applied or only reporting of symptoms, + = symptoms reported without reporting if patient fulfilled criteria, and IASP = International Association for the Study of Pain. ‡In Dutch. §In Danish.