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**Appendix 1. ICD-9 codes utilized in study of ankle sprains**

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Condition	ICD-9 code
Ankle sprain	
Lateral	845.02, 845.00
Medial	845.01
High	845.03
Unknown	845.09
Pain in joint, ankle, and foot	719.47
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Sprain of foot NOS (sprain of foot, unspecified site)	845.1
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Lower leg injury NOS (knee, leg, ankle, and foot injury)	959.7
Pain in limb	729.5
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Joint effusion-ankle (effusion of joint, ankle, and foot)	719.07
Swelling of limb	729.81
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Abrasion hip and leg (abrasion or friction burn of hip, thigh, leg, and ankle, without mention of infection)	916.0

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Procedures were classified according to the clinical classification software for services and procedures developed by the Agency for Healthcare Research and Quality.

[https://www.hcup-us.ahrq.gov/toolssoftware/ccs\\_svcsproc/ccssvcproc.jsp](https://www.hcup-us.ahrq.gov/toolssoftware/ccs_svcsproc/ccssvcproc.jsp)

NOS, not otherwise specified.