**Supplementary Material**

**Supplementary Material 1: ICD-9 CM/ICD-10-CA codes for chronic and episodic migraine**

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| **Diagnosis Condition** | **ICD-10-CA** | **ICD-9-CM** |
| Migraine  Migraine without aura [common migraine] | G43.0 | 346  346.1 |
| Migraine with aura [classical migraine], includes:  Migraine   * Aura without headache * Basilar * Equivalents * Familial hemiplegic * With:   + Acute-onset aura   + Prolonged aura   + Typical aura | G43.1 | 346.0 |
| Status migrainosus | G43.2 | NA |
| Complicated migraine | G43.3 | NA |
| Other migraine  Includes:   * Ophthalmoplegic migraine * Retinal migraine | G43.8 | NA |
| Variants of migraine | NA | 346.2 |
| Other forms of migraine | NA | 346.8 |
| Migraine, unspecified | G43.9 | 346.9 |

Abbreviations: ICD-9-CM: The International Classification of Diseases, Ninth Revision, Clinical Modification; ICD-10-CA: International Statistical Classification of Diseases and Related Health Problems, Tenth Revision, Canada; NA: not applicable