

## Supplemental File 2 – MedDRA® Code Lists

Symptom group	Code	Description	
Headache	10004087	Band-like headache	
	10009236	Classical migraine	
	10010108	Common migraine	
	10016998	Forehead headache	
	10019136	Hangover effect	
	10019200	Head pressure	
	10019211	Headache	
	10019215	Headache dull	
	10019216	Headache fullness	
	10019220	Headache occurring	
	10019224	Headache sinus	
	10019225	Headache temporal	
	10019226	Headache tension	
	10019232	Headaches cluster	
	10019476	Hemiplegic migraine	
	10027599	Migraine	
	10027600	Migraine aggravated	
	10027602	Migraine headache	
	10027606	Migraine type headaches	
	10027607	Migraine with aura	
	10027611	Migrainous headache	
	10040744	Sinus headache	
	10043208	Temporal headache	
	10043269	Tension headache	
	10043270	Tension headache (excl migraine)	
	10043271	Tension headaches	
	10048567	Headache aggravated	
	10048967	Frontal headache	
	10048968	Occipital headache	
	10052403	Frequent headaches	
	10053850	Chronic headaches	
	10056236	Complicated migraine	
	10056791	Headache (excl migraine) aggravated	
	10058140	Throbbing headache	
	10059133	Cluster headache	
	10059296	Intermittent headache	
	10066618	Headache recurrent	
	10066635	Acute migraine	
	10066965	Procedural headache	
	10068106	Occipital neuralgia	
	10076678	New daily persistent headache	
	10078943	Persistent headache	
	Fatigue	10008874	Chronic fatigue syndrome
		10011865	Daytime sleepiness
		10013649	Drowsiness
		10015667	Exhaustion
		10016252	Fatigability
10016253		Fatigability generalized	
	10016256	Fatigue	

	10016257	Fatigue extreme
	10016356	Feeling of total lack of energy
	10016373	Feelings of weakness
	10016380	Felt generally ill
	10018066	General malaise
	10018135	Generally unwell
	10019349	Heaviness in limbs
	10019353	Heavy feeling in arms & legs
	10021345	Ill feeling
	10024262	Lethargic
	10024263	Lethargic tendency
	10024264	Lethargy
	10041014	Sleepiness
	10043885	Tired all the time
	10043889	Tired out
	10043890	Tiredness
	10047830	Washed-out
	10047862	Weakness
	10047865	Weakness generalized
	10049565	Muscle fatigue
	10054853	Mental exhaustion
	10059078	Vaccination related malaise
	10066564	Chronic fatigue
	10076757	Mental fatigue
Muscle and joint pain	10000424	Ache
	10000431	Aches & pains in legs
	10000449	Aching joints
	10006002	Bone pain
	10016795	Flu-like aching
	10018074	Generalised aching
	10018086	Generalised joint pains
	10018089	Generalised muscle aches
	10023197	Joint ache
	10023222	Joint pain
	10028287	Muscle ache
	10028322	Muscle pain
	10028332	Muscle soreness
	10028362	Muscular pains
	10028411	Myalgia
	10033511	Painful joints
	10048439	Fibromyalgia
	10048971	General body pain
	10062428	Generalized aching
	10062438	Generalized joint pain
	10062441	Generalized muscle aches
Fever	10005911	Body temperature increased
	10008531	Chills
	10009866	Cold sweat
	10013697	Drug fever
	10016334	Feeling hot
	10016335	Feeling hot and cold
	10016558	Fever
	10016559	Fever chills
	10016563	Fever of unknown origin
	10016791	Flu like symptoms

	10020083	High temperature
	10020741	Hyperpyrexia
	10022004	Influenza like illness
	10022009	Influenza-like symptoms
	10022571	Intermittent pyrexia
	10037660	Pyrexia
	10039997	Sensation of cold
	10040528	Shaking
	10040529	Shaking inside
	10040531	Shaky feelings
	10040558	Shivering
	10040559	Shivers
	10041021	Slight fever
	10042661	Sweating
	10042662	Sweating abnormal
	10042663	Sweating attack
	10042666	Sweating fever
	10043204	Temperature elevation
	10052545	Flu symptoms
	10058698	Intermittent fever
	10061458	Feeling of body temperature change
	10073718	Feverish
	10079564	Injection associated shivering
	10082526	Skin temperature
Nausea	10016365	Feeling sick
	10027990	Motion sickness
	10028813	Nausea
	10028822	Nauseated
	10028823	Nauseous
	10034716	Persistent vomiting
	10040658	Sickness
	10047699	Vomited
	10047700	Vomiting
Localised vaccine reaction	10000448	Aching in limb
	10000656	Acute allergic reaction
	10001718	Allergic reaction
	10003875	Axillary lymph nodes enlarged
	10021432	Immunisation reaction
	10021951	Inflammation at site of injection
	10022052	Injection site bruising
	10022058	Injection site edema
	10022061	Injection site erythema
	10022078	Injection site inflammation
	10022079	Injection site irritation
	10022080	Injection site itching
	10022086	Injection site pain
	10022102	Injection site tenderness
	10022110	Injection site vascular warmth
	10022112	Injection site warmth
	10023698	Large arm swelling
	10033421	Pain in arm
	10033503	Painful arm
	10040758	Site of vaccination painful
	10042696	Swelling of injection site
	10042716	Swollen arm

	10050114	Application site bruise
	10059080	Vaccination site reaction
	10068879	Vaccination site pain
	10076504	Injection site muscle pain
	10082049	Armpit pain
Dizziness	10013573	Dizziness
	10013576	Dizziness exertional
	10013577	Dizziness on standing up
	10013578	Dizziness postural
	10013579	Dizziness upon standing
	10013580	Dizzy
	10013581	Dizzy on standing
	10013582	Dizzy spells
	10016167	Faint
	10016169	Fainting
	10016379	Felt faint
	10024461	Light headedness
	10024490	Light-headed
	10024491	Light-headed feeling
	10047340	Vertigo
	10048324	Dizziness aggravated
	10066202	Near fainting
Menstrual changes	10005120	Bleeding intermenstrual
	10005123	Bleeding menstrual heavy
	10011299	Cramps menstrual
	10012204	Delayed period
	10017370	Frequent periods
	10019360	Heavy periods
	10022559	Intermenstrual bleeding
	10022991	Irregular menstrual cycle
	10022993	Irregular periods
	10024008	Late period
	10027324	Menstrual cramps
	10027330	Menstrual flooding
	10033514	Painful periods
	10034532	Period pains
	10036619	Premenstrual tension
	10036867	Prolonged heavy periods
	10040603	Shortening of menstrual cycle
	10051537	Premenstrual dysphoric disorder
	10056344	Menstrual discomfort