

## MD Program Competency Framework

### Appendix 2: Medical Council of Canada Clinical Presentations Classified by Body System or Clinical Discipline

System	MCC Presentation	MCC Presentation Number
Cardiovascular	<b>Blood pressure, abnormal</b> - Hypertension - Hypotension/shock	<b>9</b> 9.1 9.2
	<b>Cardiac arrest</b>	<b>13</b>
	<b>Chest pain</b>	<b>14</b>
	<b>Abnormal heart sounds and murmur</b>	<b>62</b>
	<b>Palpitations (Abnormal ECG- arrhythmia)</b>	<b>68</b>
	<b>Syncope and pre-syncope</b>	<b>106</b>
Cutaneous	<b>Hair and nail complaints</b> - Alopecia - Nail complaints	<b>38</b> 38.1 38.2
	<b>Pruritus</b>	<b>85</b>
	<b>Skin tumours and ulcers</b>	<b>95</b>
	<b>Skin rash, macules</b>	<b>96</b>
	<b>Skin rash, papules</b> - Urticaria, angioedema	<b>97</b> 97.2
Endocrine	<b>Breast disorders</b> - Gynecomastia	<b>10</b> 10.3
	<b>Calcium disorders (Hypocalcemia, Hypercalcemia)</b>	<b>12</b>
	<b>Glucose abnormal, serum/diabetes mellitus/ polydipsia</b> - Glucose abnormalities - Diabetes mellitus	<b>37</b> 37.1 37.2
	<b>Hirsutism, hypertrichosis</b>	<b>43</b>
	<b>Abnormal, serum lipids</b>	<b>51</b>

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### Appendix 2 – Medical Council of Canada Clinical Presentations Classified by Body System (Continued)

Body System	MCC Presentation	MCC Presentation Number
Gastrointestinal	<b>Abdominal distention</b>	<b>1</b>
	<b>Abdominal / pelvic mass</b> - Hepatomegaly - Hernia, abdominal wall and groin	<b>2</b> 2.2 2.4
	<b>Abdominal pain</b> - Abdominal pain, acute - Abdominal pain, chronic - Abdominal pain, anorectal	<b>3</b> 3.2 3.3 3.4
	<b>Blood from gastrointestinal tract</b> - Blood from GI tract, Upper (hematemesis) - Blood from GI tract, lower (hematochezia)	<b>6</b> 6.1 6.2
	<b>Constipation</b> - Adult constipation	<b>16</b> 16.1
	<b>Diarrhea</b> - Acute diarrhea - Chronic diarrhea	<b>22</b> 22.1 22.2
	<b>Dysphagia</b>	<b>26</b>
	<b>Jaundice</b>	<b>49</b>
	<b>Abnormal liver function tests</b>	<b>52</b>
	<b>Vomiting and/or nausea</b>	<b>116</b>
Hematologic	<b>Abdominal / pelvic mass</b> - Splenomegaly	<b>2</b> 2.3
	<b>Coagulation abnormalities</b> - Bleeding tendency, bruising - Venous thrombosis, hypercoagulable state	<b>15</b> 15.1 15.2
	<b>Hemoglobin level, abnormal</b> - Anemia - Elevated hemoglobin	<b>42</b> 42.1 42.2
	<b>Lymphadenopathy</b> - Mediastinal mass	<b>54</b> 54.1
	<b>White blood cells, abnormalities of</b>	<b>120</b>
Musculoskeletal	<b>Joint pain</b> - Oligoarthralgia (pain in one to four joints) - Polyarthralgia (pain in more than four joints) - Non-articular musculoskeletal pain - Back pain and related symptoms (e.g. sciatica) - Neck pain	<b>50</b> 50.1 50.2 50.3 50.4 50.5
	<b>Lump/mass, musculoskeletal</b>	<b>53</b>

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### Appendix 2 – Medical Council of Canada Clinical Presentations Classified by Body System (Continued)

Body System	MCC Presentation	MCC Presentation Number
Neurologic	Diplopia	23
	Dizziness, vertigo	24
	Gait disturbances/ataxia	35
	Headache	39
	Hemiplegia, hemisensory loss with or without aphasia	41
	Language and speech disorders	44
	Mental status, altered	58
	- Coma	58.1
	- Delirium/confusion	58.2
	- Major/mild neurocognitive disorders (Dementia)	58.3
	Movement disorders, involuntary/tic disorders	61
Numbness/tingling/altered sensation	66	
Seizures (epilepsy)	92	
Weakness, paralysis, paresis, and/or loss of motion	117	
Ocular	Eye redness	30
	Strabismus and/or amblyopia	102
	Visual disturbance/loss	115
	- Acute visual disturbance/loss	115.1
- Chronic visual disturbance/loss	115.2	
Otolaryngologic	Ear pain	28
	Hearing loss/deafness	40
	Mouth problems	60
	Neck mass/goiter/thyroid disease	63
	Sore throat and/or rhinorrhea	100
	- Smell/taste dysfunction	100.1
Tinnitus	108	

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### Appendix 2 – Medical Council of Canada Clinical Presentations Classified by Body System (Continued)

Body System	MCC Presentation	MCC Presentation Number
Renal and Urinary Tract	<b>Blood in urine (hematuria)</b>	<b>8</b>
	<b>Edema/anasarca/ascites</b> - Generalized edema - Localized edema	<b>29</b> 29.1 29.2
	<b>Acid-base abnormalities, hydrogen</b>	<b>45</b>
	<b>Incontinence</b> Incontinence, adult, urine	<b>47</b> 47.2
	<b>Impotence/erectile dysfunction</b>	<b>48</b>
	<b>Potassium concentration, abnormal, serum</b> - Hyperkalemia - Hypokalemia	<b>79</b> 79.1 79.2
	<b>Proteinuria</b>	<b>84</b>
	<b>Kidney injury</b> - Acute kidney injury (anuria/oliguria) - Chronic kidney injury	<b>89</b> 89.1 89.2
	<b>Scrotal mass</b>	<b>90</b>
	<b>Scrotal pain</b>	<b>91</b>
	<b>Sodium concentration abnormal, serum</b> - Hypernatremia - Hyponatremia	<b>99</b> 99.1 99.2
	<b>Urinary frequency</b> - Dysuria, urinary frequency and urgency, and/or pyuria - Polyuria and/or polydipsia	<b>110</b> 110.1 110.2
	<b>Urinary tract obstruction</b>	<b>111</b>

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### Appendix 2 – Medical Council of Canada Clinical Presentations Classified by Body System (Continued)

Body System	MCC Presentation	MCC Presentation Number
Reproductive	<b>Blood pressure, abnormal</b> Pregnancy-associated hypertension	<b>9</b> 9.1.4
	<b>Breast disorders</b> - Breast lump, breast cancer screening - Galactorrhea/discharge	<b>10</b> 10.1 10.2
	<b>Contraception</b>	<b>17</b>
	<b>Infertility</b>	<b>46</b>
	<b>Menstrual cycle, abnormal</b> - Amenorrhea, oligomenorrhea - Dysmenorrhea - Premenstrual dysphoric disorder (premenstrual syndrome)	<b>56</b> 56.1 56.2 56.3
	<b>Menopause</b>	<b>57</b>
	<b>Non-reassuring fetal status (fetal distress)</b>	<b>65</b>
	<b>Pap smear screening</b>	<b>70</b>
	<b>Pelvic mass</b>	<b>72</b>
	<b>Pelvic pain</b>	<b>73</b>
	<b>Pregnancy</b> - Antepartum care - Intrapartum and postpartum care - Obstetrical complications	<b>80</b> 80.1 80.2 80.3
	<b>Pregnancy loss</b>	<b>81</b>
	<b>Preterm labour</b>	<b>82</b>
	<b>Prolapse/pelvic relaxation</b>	<b>83</b>
	<b>Sexually concerned patient</b>	<b>94</b>
	<b>Sexual maturation</b> - Abnormal pubertal development	<b>93</b> 93.1
	<b>Vaginal discharge/ vulvar pruritus</b>	<b>113</b>
	<b>Vaginal bleeding, excessive/irregular/abnormal</b>	<b>112</b>
	<b>Weight, low</b> Intrauterine growth restriction	<b>118</b> 118.3
	Respiratory	<b>Blood in sputum (hemoptysis)</b>
<b>Cough</b>		<b>18</b>
<b>Cyanosis, hypoxia</b>		<b>19</b>
<b>Dyspnea</b>		<b>27</b>
<b>Pleural effusion</b>		<b>76</b>
<b>Sleep-wake disorders</b>		<b>98</b>

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### Appendix 2 – Medical Council of Canada Clinical Presentations Classified by Most Relevant Clinical Discipline

Most Relevant Clinical Discipline	MCC Presentation	MCC Presentation Number
<b>Care of Patients Who Have Had Trauma</b>	<b>Burns</b>	<b>11</b>
	<b>Trauma/accidents</b> - Abdominal injuries - Bone/joint injury - Chest injuries - Drowning (near-drowning) - Eye injuries - Facial injuries - Fractures and dislocations - Hand and/or wrist injuries - Head trauma/brain death/transplant donation - Insect stings and bites - Nerve injuries - Skin wounds - Spinal trauma - Urinary tract injuries - Vascular injury	<b>109</b> 109.1 109.3 109.4 109.6 109.7 109.8 109.16 109.9 109.10 109.2 109.11 109.12 109.13 109.14 109.15
<b>Community, Population and Public Health</b>	<b>Population health and its determinants</b> - Concepts of health and its determinants - Assessing and measuring health status at the level of the population - Interventions at the population level - Administration of effective health programs at the population level - Outbreak management - Environment - Health of special populations - Work-related health issues	<b>78</b> 78.1 78.2 78.3 78.4 78.5 78.6 78.7 78.8

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### Appendix 2 – Medical Council of Canada Clinical Presentations Classified by Most Relevant Clinical Discipline (Continued)

Most Relevant Clinical Discipline	MCC Presentation	MCC Presentation Number
General Medical / Primary Care	<b>Allergic reactions and atopy</b>	<b>4</b>
	<b>Dying patient</b>	<b>25</b>
	<b>Failure to thrive</b> - Frailty in the elderly	<b>31</b> 31.1
	<b>Falls</b>	<b>32</b>
	<b>Fatigue</b>	<b>33</b>
	<b>Incontinence</b> - Fecal incontinence - Incontinence, Urine, Adult	<b>47</b> 47.1 47.2
	<b>Pain</b> - Generalized pain disorders - Hip/knee/ankle/foot - Shoulder/elbow/wrist/hand - Spinal compression/osteoporosis - Spine/low back pain - Spine/neck/thoracic - Central / peripheral neuropathic pain - Sympathetic, complex regional pain syndrome, reflex sympathetic dystrophy	<b>67</b> 67.1.2.1 67.1.2.3 67.1.2.2 67.1.2.4 67.1.2.6 67.1.2.5 67.2.2 67.2.1
	<b>Periodic health examination</b> - Pre-operative medical evaluation	<b>74</b> 74.3
	<b>Poisoning</b>	<b>77</b>
	<b>Substance-related or addictive</b> - Substance withdrawal	<b>103</b> 103.1
	<b>Temperature abnormal/fever and/or chills</b> - Hyperthermia - Hypothermia - Fever of unknown origin - Fever in the immune-compromised host/recurrent fever - Hypothermia	<b>107</b> 107.1 107.5 107.2 107.4 107.5
	<b>Violence, family</b> - Elder abuse - Adult abuse/spousal abuse	<b>114</b> 114.2 114.3
	<b>Weight, abnormal</b> - Weight gain/obesity - Weight loss/eating disorders/anorexia	<b>118</b> 118.1 118.2
	<b>Pain</b>	<b>67</b>

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### Appendix 2 – Medical Council of Canada Clinical Presentations Classified by Most Relevant Clinical Discipline (Continued)

Most Relevant Clinical Discipline	MCC Presentation	MCC Presentation Number
Pediatric	<b>Abdominal pain</b> Abdominal pain, children	<b>3</b> 3.1
	<b>Blood pressure, abnormal</b> Hypertension in childhood	<b>9</b> 9.1.1
	<b>Constipation</b> Pediatric constipation	<b>16</b> 16.2
	<b>Development disorder/developmental delay</b>	<b>21</b>
	<b>Diarrhea</b> Pediatric diarrhea	<b>22</b> 22.3
	<b>Dyspnea</b> Pediatric respiratory distress	<b>27</b> 27.3
	<b>Failure to thrive</b> Failure to thrive, infant/child	<b>31</b> 31.2
	<b>Genetic concerns</b> - Ambiguous genitalia - Dysmorphic features	<b>36</b> 36.1 36.2
	<b>Incontinence</b> Incontinence, urine, pediatric (enuresis)	<b>47</b> 47.3
	<b>Jaundice</b> Neonatal jaundice	<b>49</b> 49.1
	<b>Limp in children</b>	<b>20</b>
	<b>Neonatal distress</b>	<b>64</b>
	<b>Pediatric emergencies – acutely ill infant/ child</b> - Crying/fussing child - Hypotonic infant	<b>71</b> 71.1 71.2
	<b>Periodic Health Examination</b> - Newborn assessment/nutrition - Infant and child immunization	<b>74</b> 74.1 74.2
	<b>Stature abnormal (tall stature/short stature)</b>	<b>101</b>
	<b>Sudden infant death syndrome (SIDS)/ Acute life-threatening event (ATLE)</b>	<b>104</b>
	<b>Temperature abnormal/fever and/or chills</b> - Fever in a neonate, fever in a child	<b>107</b> 107.3
	<b>Violence, family</b> - Child abuse	<b>114</b> 114.1
Psychiatric	<b>Attention, learning and school problems</b>	<b>5</b>
	<b>Mood disorders</b> - Depressed mood - Mania / hypomania	<b>59</b> 59.1 59.2
	<b>Anxiety</b>	<b>69</b>
	<b>Personality disorders</b>	<b>75</b>
	<b>Psychosis</b>	<b>86</b>
	<b>Suicidal behaviour</b>	<b>105</b>