**SYSTEM:** Immune  
**CONDITION:** Clinical Science Information  
(BOLD content unlikely to be covered elsewhere in the curriculum)

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<th>Content</th>
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| **Examination: Patient-History**  
• Includes questions related to the current status, and prior management of immune conditions including: medications, diagnostic tests, surgeries, family history  
• Establish functional deficits of immune system disorders | • Demonstrate culturally appropriate and patient friendly communication when interviewing a patient/client with immune system conditions  
• Can recognize signs/symptoms of an immune system condition and refer for further care  
• Establish baseline of functioning to plan intervention goals | **P** |
| **Examination: Tests and Measures**  
• Signs of exacerbations of immune system conditions  
• Adapts PT exam with consideration for joint integrity and endurance  
• Outcome tool to measure quality of life assessments | • Perform a systems screening and recognize red flags that require referral  
• Adapt a PT exam for a patient/client with immune system conditions with consideration for joint safety and fatigue  
• Effectively implement standardized outcome tools | **P** |
| **Evaluation: diagnosis, prognosis, plan of care**  
• Impact of immune condition on recovery timeline | • Creates a safe and effective intervention program with consideration of the impact immune condition on recovery of function | **P** |
| **Interventions**  
• Patient education (energy conservation methods, self-care, signs of overload)  
• Manual therapy and modality indications and contraindications for patients with immune compromise  
• Adapt exercise methods to patient need (isometric vs isotonic vs eccentric) | • Educate the patient/client on energy conservation techniques  
• Recognize contraindications to joint manipulation, modalities (heat/cold), cervical traction for patients with immune system conditions  
• Develop a safe and evidence-based treatment program for a patient/client with immune system conditions with consideration for joint integrity and cardiopulmonary function | **P** |
| **Prevention and Wellness:**  
• Evidence supported self-care, and alternative treatment | • Educate the client/family on evidence based and holistic prevention and wellness aspects | **F** |
| **Medical management**  
• Typical pharmacologic management  
• Health care team roles | • Recognize common drugs used in the early, middle, and late stages of SLE, RA, and scleroderma  
• Discuss members of the interdisciplinary team and when/how to refer | **F, P** |

* F = Familiar; P= Proficient; M= Mastery