**Appendix 2**

**Board Review Worksheets**

(Sample from the Ohio State University)

**Compare and Contrast Reading Kit**

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**Directions for Completing Vertical Reading Chart**

1. Identify the Syndrome with which you are dealing

* A set of signs and symptoms with which patients present

1. Identify the Diagnostic Triad or Tetrad: 3 or 4 diseases united by a common syndrome

* Different diseases can be in different diagnostic triads depending on what syndrome you are looking at
  + For example, pulmonary embolus as a disease could be in a triad of SOB with a normal CXR or in a triad of pleurisy

1. Read vertically about the diagnostic triads
   * Read about the pathophysiology of RTA 1 vs RTA 2 vs RTA 4, or any other condition where three diseases may present similarly, then go on to read about lab data in the three diseases
2. Complete the vertical reading chart, using Key and Differentiating features

* Key Feature: a fact that is unique to one disease in that diagnostic triad
* Differentiating feature: a fact that is missing from one of the three diseases but common to the other two
* Note: a fact or feature that is common to all three belongs as part of the syndrome definition!
* Do not try and squeeze facts into the squares. Choose your facts wisely. Remember: NOT All FACTS ARE CREATED EQUAL.
* It is possible that some squares will remain empty. If there are no key or differentiating features on the physical exam, do not fill in those squares!

1. Compose an Illness Script for each of the three diseases, using the syndrome definition, key and differentiating features.
2. Lastly, compose a question that tests your understanding of key and differentiating features in that diagnostic triad.

Syndrome: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Definition: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Disorder/ Disease** | **Pathophysiology** | **Epidemiology/ History** | **Physical Exam** | **Investigations** | **Therapies** | **Natural History/ Prognosis** |
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**Sample Triads for Vertical Reading**

**Symptom/Syndrome**

Acute Paraparesis

Guillain Barre Syndrome

Epidural Abscess

Transverse Myelitis

Hemoptysis

Goodpastures Syndrome

Wegener's Granulomatosis

Bronchogenic Carcinoma

Dysphagia

Esophageal Cancer

Peptic Stricture

Esophageal Spasm

Muscle Weakness

Polymyositis

Myasthenia Gravis

Periodic Paralysis

Acute LGI Bleeding

Diverticulosis

Ischemic colitis

Bacterial Dysentery

Acute RUQ Pain

Cholangitis

Acute Hepatitis B

Cholecystitis

Acute RLQ pain

PID

Appendicitis

Renal Colic

Acute hemiparesis

Multiple Sclerosis

Large Vessel Atherosclerosis

Lacunar Infarct

Cardiogenic Embolic

Vertigo

Vertebrobasilar insufficiency

Meniere's Disease

Labrynthitis

Acute Polyarthritis

SLE

RA

2° syphilis

Acute Monoarticular Arthritis

Gout

Pseudogout

Septic Arthritis

Secondary Hypertension

Primary Hyperaldosteronism

Renal Artery Stenosis

Pheochromocytoma

Endocarditis

Staph aureus

Viridans Strep

Enterococcal

Nonviral chronic hepatitis

Primary biliary cirrhosis

Sclerosing cholangitis

Autoimmune hepatitis

Interstitial lung disease

IPF

BOOP

Sarcoidosis

Shock

Septic

Hypovolemic

Cardiogenic

Secondary Amenorrhea

Polycystic Ovary Syndrome

Hyperprolactinemia

Exercise Induced Amenorrhea

**Lab-Driven**

Metabolic Alkalosis

Cushing’s Disease

Hypovolemia

Bartters

Destructive Thrombocytopenia

ITP

DIC

TTP

Pancytopenia

Aplastic Anemia

Myelodysplasia

B12 Deficiency