## THE WORLD OF ALLERGIES.

## SUGGESTIONS FOR FURTHER STUDY.

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## TOPICS:

1) Bronchial Asthma.

Standard type: cough, wheeze, chest congestion, sob, noisy chest.

Cough-variant Asthma: almost entirely cough, especially in children. Normal chest sounds.

Relationship to Chronic Bronchitis and "COPD": "Crossover-Syndrome", common.

LABA's; Inhalation Steroids; Biologics.

Treatment.

2) Allergic Rhinitis, Seasonal and Perennial.

Remember Vasomotor Rhinitis

Chronic Sinusitis / Nasal Polyposis.

- 3) "The Allergic March".
- 4) Food Allergies. Clinical and blood (RAST) evidence. Oral Allergy Syndrome. Efforts at building "tolerance". New Beef allergy (Alpha Gal Lone Star tick bite).
- 5) Medicine Allergies: Penicillin...
- 6) "Multiple Food Allergy Syndrome".
- 7) "Multiple Medicine Allergy Syndrome"
- 8) Contact Dermatitis.
- 9) Hives. Many Causes...(Remember autoantibodies, like Thyroid...). Xolair...
- 10) Eczema (Atopic Dermatitis). Childhood and Adult types. Dupixent...
- 11) The role of Inflammation and Infection in all of this.
- 12) Allergic Conjunctivitis.
- 13) Anaphylaxis. EPINEPHRINE! Watch for relapse...
- 14) Other conditions frequently found with a bearing on the Allergies: GERD; Obstructive Sleep Apnea: Essential Hypertension. Relationship to Family cancer history?? COORDINATION OF CARE.
- 15) ATOPIC ALLERGIES. HYGIENE THEORY. BASIS FOR ALLEREGY IMMUNOTHERAPY...AND EFFECTIVENESS.
- 16) Allergies can start in utero and very early. KIDS NEED EXPERT CARE, TOO.