



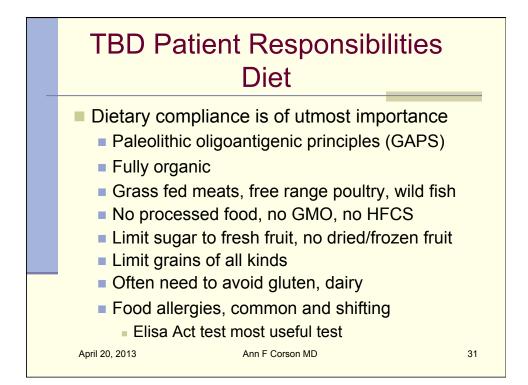
- http://lymedisease.org/lyme101/prevention
- Toxin avoidance in home, work, school and automobile
 - Chemicals are everywhere
 - Household cleaners, personal care products of all kinds including toothpastes, soaps, shampoos, hair dyes, nail polish, lotions, cosmetics, cigarette smoking, alcohol, non organic and processed foods, water, air

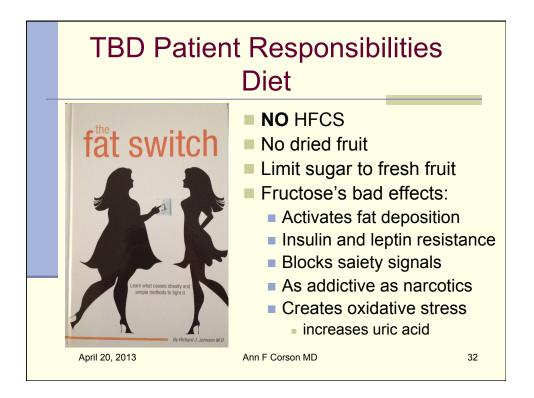
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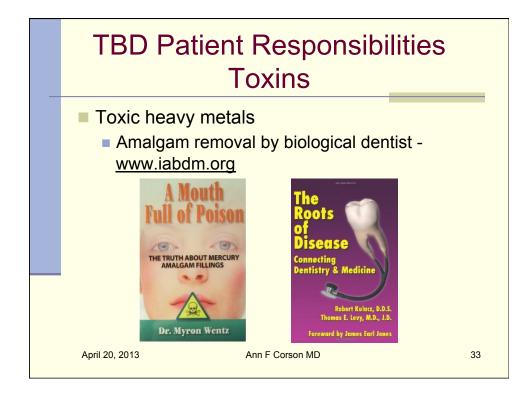
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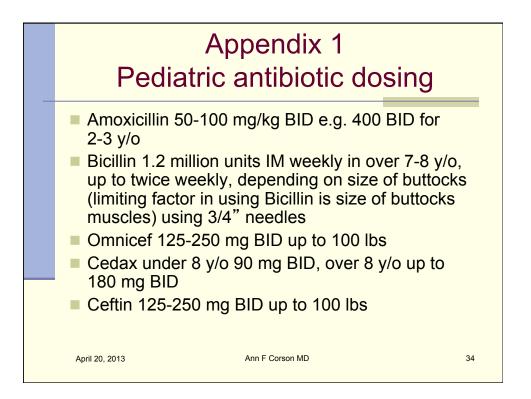
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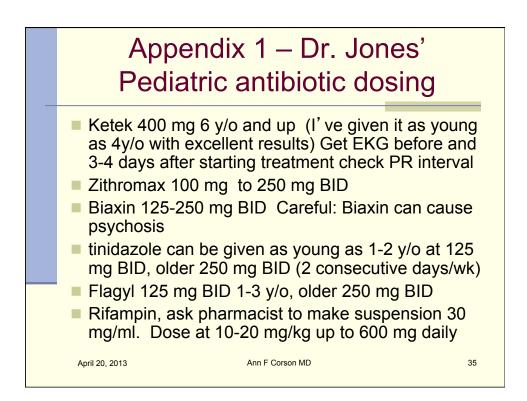


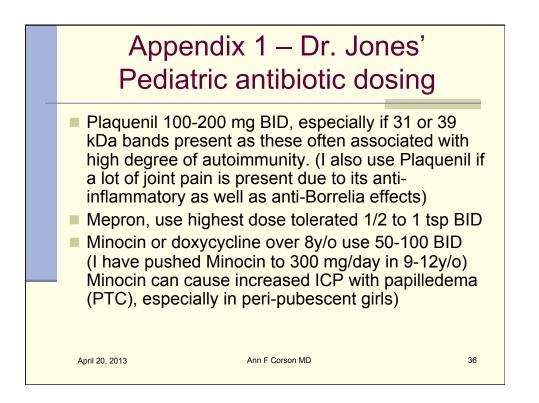


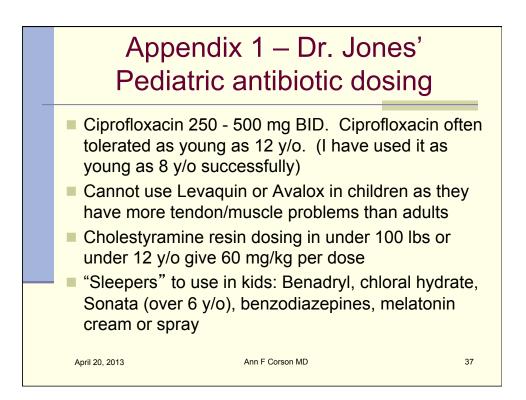


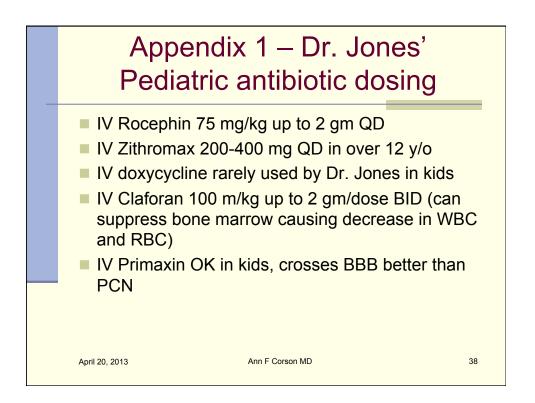








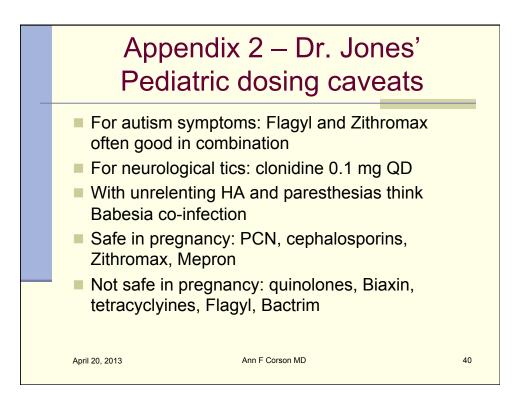




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Appendix 2 – Dr. Jones' Pediatric dosing caveats

- For Ehrlichia: in kids under 8 y/o use 1-4 wks of doxycycline 1/2 tsp BID
- For Bartonella: in children under 8 y/o use rifampin and Bactrim together for 1 wk to 3 months. Also use Bactrim and Zithromax or Rifampin and Zithromax
- For Borrelia: Zithromax and rifampin often good in combination, e.g. for 85 lb 10 y/o dose would be rifampin 150 mg BID and Zithromax 250 mg BID
- For Borrelia: Zithromax (intracellular) and cephalosporin or PCN (CWAbx) in combination
- For Mycoplasama fermentans: Rifampin and Zithromax or Bactrim and Zithromax Ann F Corson MD



Appendix 2 – Dr. Jones' Pediatric dosing caveats

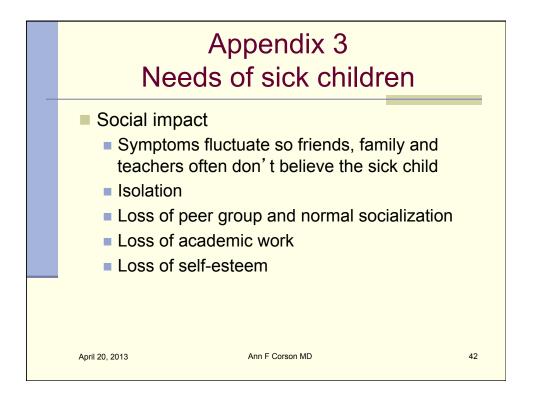
Dr. Jones has treated children with anywhere from 3 months to 10 years of continuous antibiotics. He does not pulse treatment, but always uses continuous antibiotic therapy. Duration of treatment is based on the child's symptoms. Continue antibiotics for a full 2 months after all symptoms have resolved, and until there is no recurrence of Lyme symptoms with concurrent infections, injury/trauma, surgery, emotional trauma or menses. Also treat until the child him/herself feels that the "Lyme bugs" are gone.

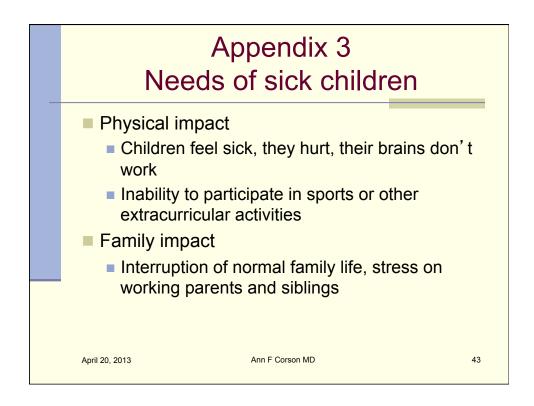
Always ask the child what he/she thinks!

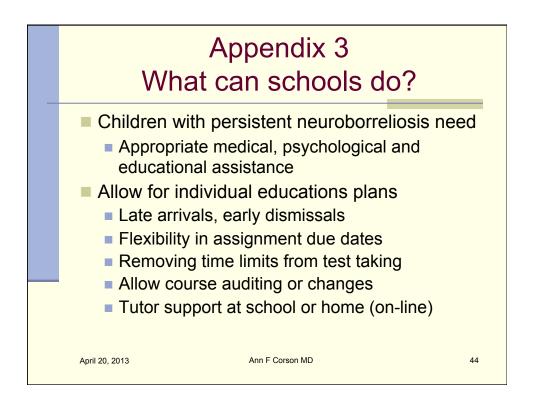
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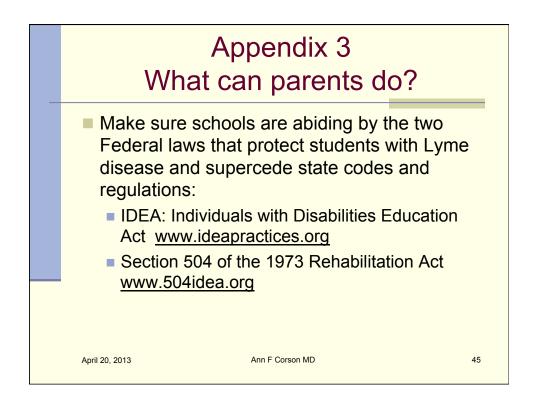
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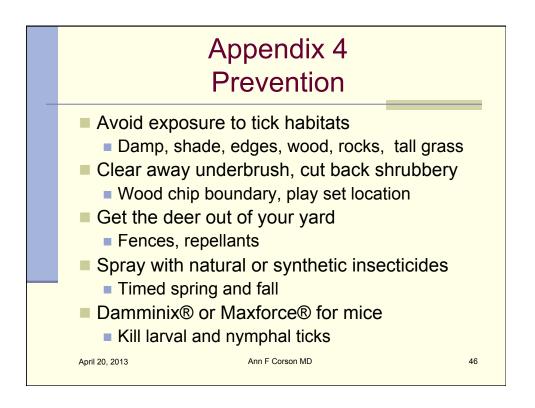
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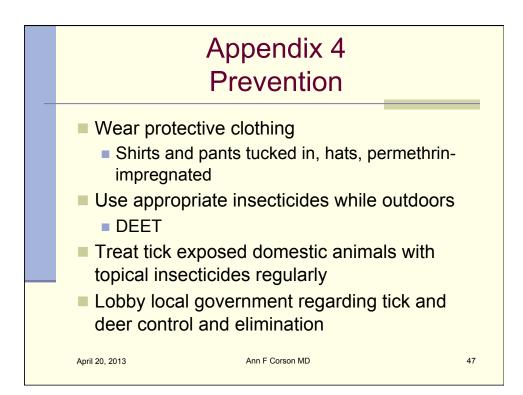


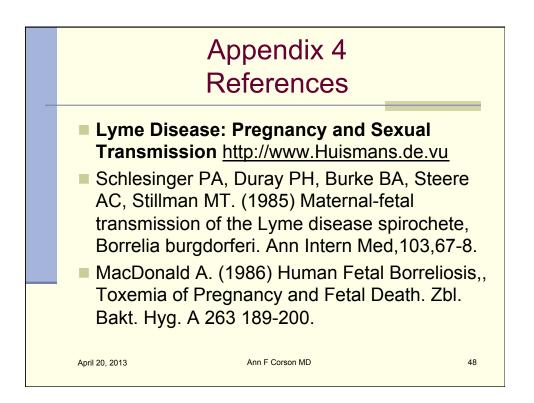


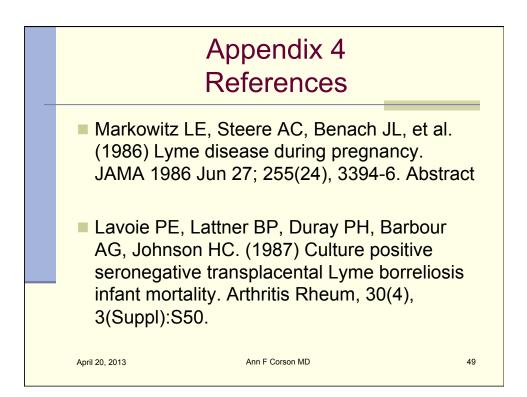


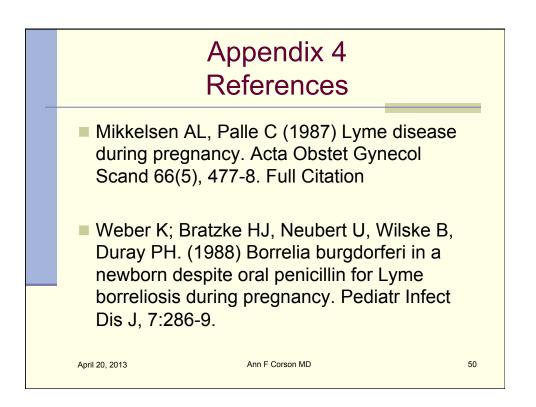


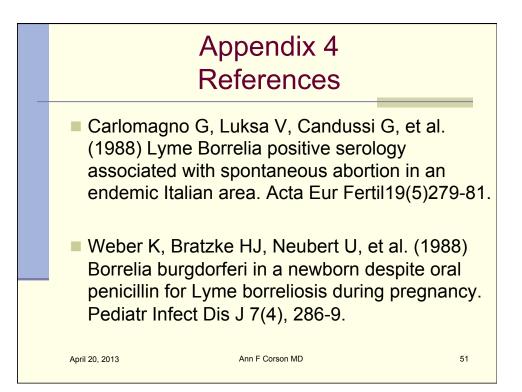


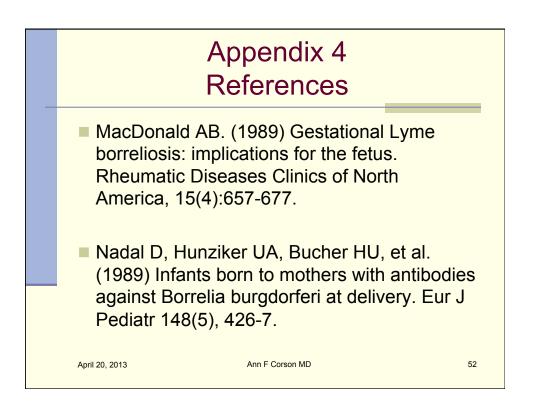


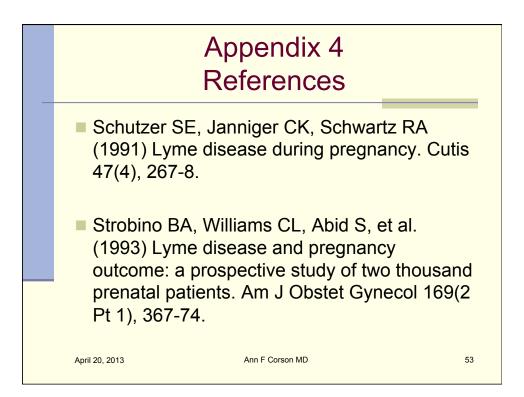


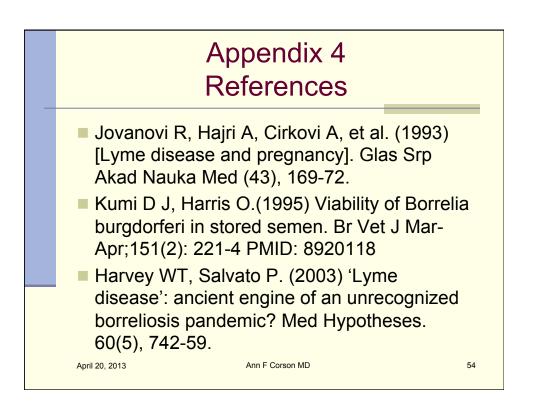


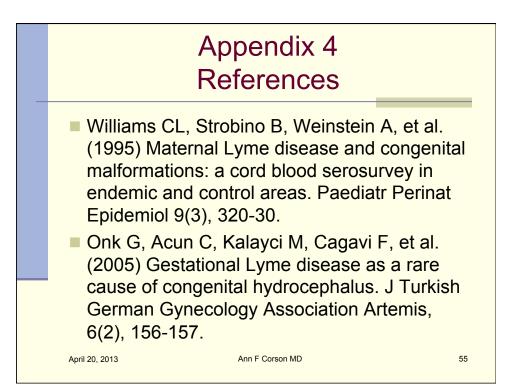


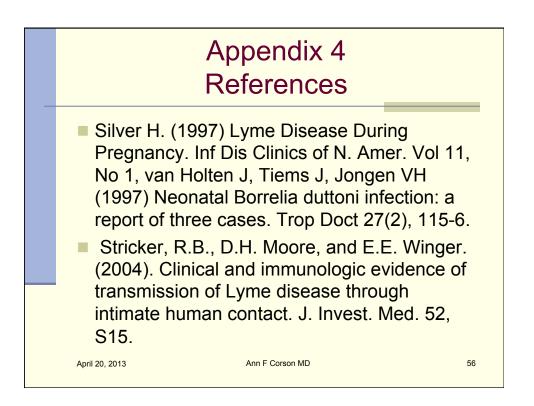


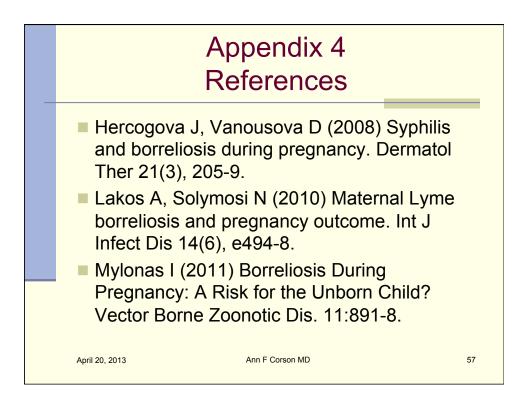


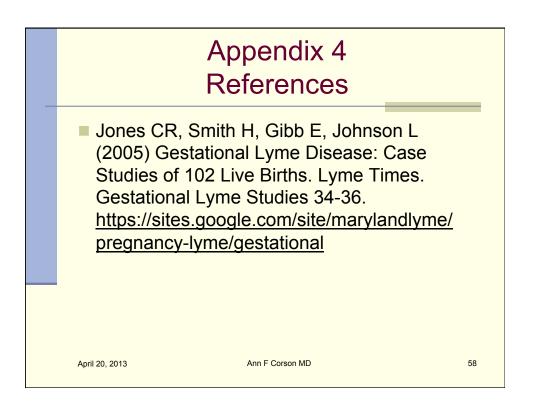












Appendix 4 References

Infectious Diseases of the Fetus and Newborn Infant, 2001 5th edition, Ed. Remington and Klein. Tessa Gardner: Chapter 11, page 447 – 528.

"Mothers with active Lyme Disease: Treated: 14.6% of the pregnancies with sequelae, Untreated: 66.7% of the pregnancies with sequelae, Unknown as to treatment: 30.3% with sequelae, Specific adverse outcomes included: cardiac 22.7%, neurologic 15.2%, orthopedic 12.1%, ophthalmic 4.5%, genitourinary 10.6%, miscellaneous anomalies 12.1%, 2nd trimester demise 12.1%, Highest rate of adverse outcome (72.7%) in women with infection acquired prior to or during first trimester without treatment."

Appendix 4 References "Risk of transmission varies by trimester, thus decisionmaking re antibiotic choice may be influenced by the trimester in which exposure occurred. Highest risk of adverse congenital sequelae occurs in the first and early second trimester. Per Tessa Gardner's compilation of studies of gestational exposure (Infectious Diseases of the Fetus and Newborn, Chapter 11, 5th ed, 2001): "...[some] recommend longer duration of antibiotic therapy in gestational Lyme borreliosis because of concern about transplacental spread...Other investigators recommend more aggressive therapy, such as IV antibiotic therapy," **Tessa Gardner, 2001 Infectious Disease of the Fetus** and Newborn Infant. 5th ed. ch. 11 April 20, 2013 Ann F Corson MD 60

Appendix 4 References

"...for all cases of gestational Lyme borreliosis because of concern that there is a significant potential risk to the fetus, which is not yet fully appreciated, following any gestational Lyme borreliosis infection; also, they believe that high-dose intravenous antibiotic therapy is more successful at achieving antibiotic levels above the MIC of the spirochete on both the maternal and fetal sides of the placenta, and that parenteral antibiotic therapy should be considered for some patients with gestational Lyme borreliosis, particularly in those with first- or early second-trimester or disseminated gestational Lyme borreliosis....."

Tessa Gardner, 2001 Infectious Disease of the Fetus and Newborn Infant, 5th ed. ch. 11 April 20, 2013 Ann F Corson MD 61

Appendix 4 References "There are investigators who favor more aggressive therapy for gestational Lyme disease. The National Institute of Arthritis and Musculoskeletal and Skin Diseases and the National Institute of Allergy and Infectious Diseases recommend consideration of intravenous antibiotic therapy for first-trimester gestational Lyme borreliosis, and routine therapy according to guidelines for the clinical stage of disease for other trimesters. Podolsky suggests that intravenous ceftriaxone may provide greater protection for the fetus than oral penicillin...." Tessa Gardner, 2001 Infectious Disease of the Fetus and Newborn Infant, 5th ed. ch. 11 April 20, 2013 Ann F Corson MD 62

