HARM MODULE
Intussusceptions and Oral Rotavirus Vaccine.

Objectives:

After working through this packet, you should be able to:

1. Apply the validity criteria for harm studies to an article concerning a question of adverse events.
2. Understand the methodology, strengths and weaknesses of a case-control study.
3. Understand the meaning of an odds ratio and how to apply it to a clinical case.
4. Understand the principle of confounding and be able to generate examples of possible confounders in this example.

Assignment:

Review the clinical scenario and the enclosed paper and decide:

1. Read the attached scenario.
2. Read the attached guidelines for reading articles concerning harm.
3. Critically appraise the attached article using the accompanying worksheet.
4. Describe how you would address the patient’s concerns and management options taking into account your review of the article.

Clinical Scenario:

You are a primary care physician and updating your patients’ immunization schedule. On your appointment lists of next morning, there are infants who will be coming for regular three-month check-up. You know that it is a good point of time to immunize them rotavirus vaccination, however, you remember that there were news on TV that infants with oral rotavirus vaccine intussusceptions were at higher risk of intussusception several years ago. Some mothers still insist that they do not want their infants to take the new vaccine due to problems with the old one. You would like to study more what happened in the past and learn about how the problems with the rotavirus vaccination were determined.

Enclosed Materials:


3. Worksheet for the evaluation of a harm article.
For further studies:


