Reviewer's report

Title: Linear Asymptomatic Pneumatosis. A Rare Complication of Computed Tomography Colonography. A Case Report.

Version: 3 Date: 5 February 2013

Reviewer: Perry Pickhardt

Which of the following best describes what type of case report this is?: An unexpected event in the course of observing or treating a patient

Has the case been reported coherently?: Yes

Is the case report authentic?: Yes

Is the case report ethical?: Yes

Is there any missing information that you think must be added before publication?: Yes

Is this case worth reporting?: Yes

Is the case report persuasive?: Yes

Does the case report have explanatory value?: Yes

Does the case report have diagnostic value?: Yes

Will the case report make a difference to clinical practice?: Yes

Is the anonymity of the patient protected?: Yes

Comments to authors:

This is a well-written case report. I only have a few minor suggestions to improve the manuscript:

1. Rather than report this as a "complication", I think it would be more appropriate to refer to the pneumatosis as simply an unexpected "imaging finding" (globally) - to further emphasize its benign nature.

2. Similarly, when discussing "CTC complications" in general, I would prefer the term "potential CTC complications" (globally) -- since some (as this finding) does not really amount to a complication when just an asymptomatic imaging finding.

3. Intro, 2nd sentence - change "inferior" to "less" (the meanings are not the same here)
4. To be clear, even asymptomatic extraluminal gas at CTC should be regarded as more of an imaging finding than a true perforation/complication. Such asymptomatic findings likely occur more frequently at OC but are never recognized without CT imaging (which isn't indicated when pt lacks symptoms). This is a new category quite separate from symptomatic perforation, which is the true (feared) complication. I would elaborate on this.

5. 1 in 800 is 0.001 or 0.1% (essentially the same as Pickhardt et al). Please correct

**Quality of written English:** Needs some language corrections before being published

**Declaration of competing interests:**

I have consulted for Viatronix, Bracco, & iCAD; and am co-founder of VirtuoCTC