

Multimedia Appendix 1: KOL Survey

Medication Non-adherence

1. On a scale of 1-10 how much of a barrier to treatment is non-adherence (1 being not a factor, 9 being extremely important)?

1 2 3 4 5 6 7 8 9

2. What is **more** challenging to address, **intentional/voluntary** (eg, drug holidays, avoiding side-effects) or **non-intentional/involuntary** (eg, forgetfulness, inconvenience) non-adherence?

- intentional
- non-intentional
- both are equal

3. Adherence literature supports the development of interventions. Should the theme of interventions promote:

- compliance (patients following specific treatment regimens)
- concordance (Shared Decision Making)
- a mix of both compliance and concordance

4. To identify factors of non-adherence in IBD we conducted a preliminary literature review using the Medical Subject Headings (MESH) terms: **Inflammatory Bowel Disease**, **adherence**, and **Pentasa**. Which additional keywords would you consider using?

Digital Resources (Internet, tablet and mobile phone)

5. Have you experienced patients bringing digital resources or information to a visit?

- Frequently
- Infrequently
- Not at all
- Not applicable

6. Have you ever experienced a patient bringing inaccurate digital resources or information to a visit?

- Yes
- No
- Not applicable

7. In your experience, are digital resources for patients generally accurate and relevant?

- Frequently
- Infrequently
- Not at all
- Not applicable

8. Are there specific digital resources that you refer patients to?

- Yes (please list): _____
- No
- Not applicable

9. Is it possible for digital resources to benefit the physician-patient relationship?

- Yes
- No

10. The majority of the literature indicates that digital resources are burdensome for physicians (increasing workload and patient misconceptions). Do you find this to be true?

- Yes
- No
- Not applicable

11. If you were comfortable referring patients to a digital tool, which attributes would you support? Please select all that apply.

<input type="checkbox"/> standardized text (eg, product monographs)	<input type="checkbox"/> evidence-based facts
<input type="checkbox"/> patient-centric tools	<input type="checkbox"/> published within the literature
<input type="checkbox"/> professional association or non-profit agency endorsement	<input type="checkbox"/> other: _____

12. Do you have any other comments regarding the questions above, adherence in IBD and/or digital adherence tools?

Sources used in the development of this anonymous questionnaire:

McMullan, M. (2006). Patients using the Internet to obtain health information: how this affects the patient-health professional relationship. *Patient Educ Couns*, 63, 24-28.

Murray, E., Lo, B., Pollack, L., Donelan, K., Catania, J., Lee, K., Turner, R. (2003). The impact of health information on the Internet on health care and the physician-patient relationship: national U.S. survey among 1,050 U.S. physicians. *J Med Internet Res*, 5(3), e17. doi: 10.2196/jmir.5.3.e17

Ivenson, S. A., Howard, K. B., & Penney, B. K. (2008). Impact of Internet use on health-related behaviors and the patient-physician relationship: a survey-based study and review. *J Am Osteopath Assoc*, 108(12), 699-671.

Ahmad F, Skinner HA, Stewart DE, Levinson W. Perspectives of Family Physicians on Computer-assisted Health-risk Assessments. *J Med Internet Res* 2010;12(2):e12.