



Universität
Basel

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Workshop 4:

Valid tools for adherence assessment

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TASK: Develop workable questions & answer options to assess non-adherence in pharmacy practice

- Group 1: practicality issues
(e.g. difficulty in opening the container, medication is out of stock)
- Group 2: lack of necessity belief / concern belief issues
(e.g. perceived need for medication / possible side-effects)
- Group 3: quantification issues
(e.g. how many missed doses)
- Group 4: forgetfulness issues
- Group 5: non-persistence issues

Keep in mind to distinguish between **intentional** and **unintentional** non-adherence

practicality	lack of necessity / concern belief	quantification	forgetfulness	non-persistence
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Published scales at disposal

- MMAS-4 and MMAS-8 (Morisky 1986 and 2008)
- MARS-5 Medication Adherence Report Scale (Menckeberg 2008)
- MARS-9 Medication Adherence Report Scale (Horne 1998)
- MARS Medication Adherence Reason Scale (Unni 2015)
- ITAS Immunosuppressant Therapy Adherence Scale (Chisholm 2005)
- General Adherence Scale (DiMatteo 1993)
- ACTG Adherence Questionnaire (Chesney 2000)
- mod. ACTG Adherence Questionnaire (Maggiolo 2002)
- Hill-Bone HBP therapy revised scale (Kim 2008)
- Swiss HIV Cohort Study (2006)
- MASRI Medication Adherence Self-Report Inventory (Walsh 2002)
- BARS Brief Adherence Rating Scale (Byerly 2008)
- BAAS Basel Assessment of Adherence Scale (2009)
- ASQR Adherence self-report questionnaire (Zeller 2008)
- BMQ Beliefs about Medicines Questionnaire (Horne 1998)
- RAT Medication Adherence Risk Assessment Tool (Hudson 2010 – poster)
- Obstacles to Medication Use Scale (Ediger 2007)
- ASK-12 (Matza 2009)
- MEDS Medication Adherence estimation and differentiation scale (Athavale 2019)
- Adherence Estimator® (2008 Merck & Co, © NJ, USA)

Results of the 2 workshops in form of one leading question per issue

- Group 1: practicality issues:
“Do you experience any problems in ...(cite one of 5 practicality issues according to Notenboom K et Bouvy M. J Am Geriatr Soc 2014)
- Group 2: lack of necessity belief / concern belief issues
“Do you feel you need this medication?”
- Group 3: quantification issues:
«When was the last time you missed any of your medication?»
() never () >3 mo () -3mo () 2-4 we () within past 2 we () within past 2 days
- Group 4: forgetfulness issues:
“How is it for you to remember to take your medication?”
- Group 5: non-persistence issues
«Do you still have any medicines?»

Thank you to all of you!

