DECisions
Path to Diagnostic Uptake

START: Target discovery in the lab

1. Test with patient samples
   - Lab test inaccurate! Go back to start
   - Test acceptable to patients?

2. Set up clinical trial
   - Testing process is painful! go back to 12
   - Trial shows no health benefit! Roll 4-6 to continue

3. Generate Clinical evidence
   - Systematic review of all evidence
   - Diagnostic written into national clinical guidance

4. Diagnostic accepted and used widely in clinical practice
   - Carry out safety check
   - Market the product
   - Approval declined! Go back to 19
   - Diagnostic written into national clinical guidance

5. Develop diagnostic test prototype
   - Test prototype in lab
   - Test won’t work! Go back to start
   - Prototype fails! Miss a turn
   - Refine Prototype

6. Cost-effectiveness studies
   - Refine Prototype
   - Ask clinicians for opinion of prototype
   - Prototype too complex! Go back to 12

7. Lab test inaccurate! Go back to start
   - Prototpe too complex! Go back to 12
   - Test prototype in lab

8. Test prototype in lab
   - Test prototype in lab
   - Test won’t work! Go back to start
   - Test prototype in lab

9. Test won’t work! Go back to start
   - Test prototype in lab
   - Test won’t work! Go back to start
   - Test prototype in lab

10. Test prototype in lab
    - Test prototype in lab
    - Test prototype in lab
    - Test prototype in lab

11. Develop diagnostic test prototype
    - Test prototype in lab
    - Test prototype in lab
    - Test prototype in lab

12. Test prototype in lab
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29. Set up clinical trial
    - Throw a 4 to reach the end!
    - Diagnostic written into national clinical guidance

30. Throw a 4 to reach the end!
    - Diagnostic written into national clinical guidance
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    - Diagnostic written into national clinical guidance

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Diagnostic Evidence Co-operative Oxford

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