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How to Impact antibiotic prescribing?

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Antibiotic stewardship is a strategy to combat the development of antibiotic resistance, and includes a variety of activities that aim to promote the **appropriate use of antibiotics**.

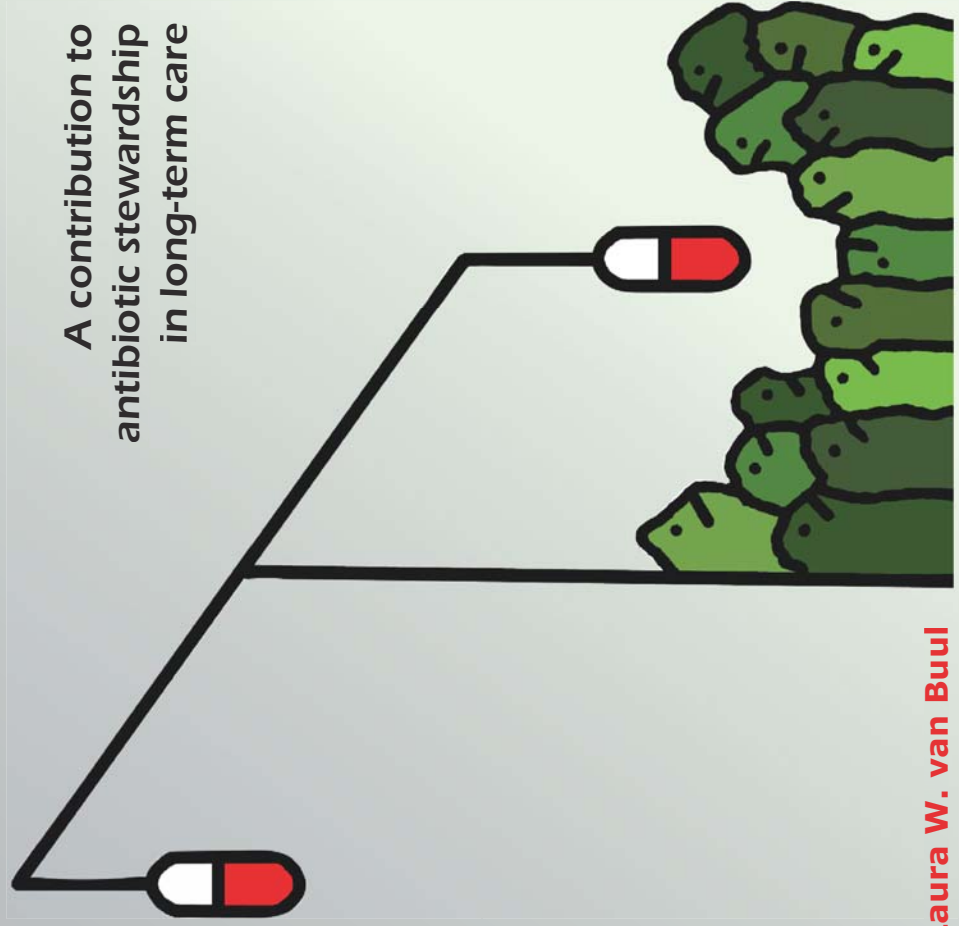
This thesis describes the **IMPACT study**, which started with an investigation of the appropriateness of antibiotic prescribing in Dutch **nursing homes** and **residential care facilities**. The study results were used to develop **tailored interventions** directed at improving appropriate antibiotic prescribing in these long-term care facilities. Finally, the effect of the tailored interventions on (the appropriateness of) antibiotic prescribing was evaluated.

The IMPACT study has provided a **better understanding** of the complex topic of antibiotic prescribing in long-term care facilities. Based on this understanding, several recommendations for practice and research are described in this thesis. These can be regarded as a **first step toward antibiotic stewardship initiatives in long-term care facilities in the Netherlands**.



Laura van Buul (1985) is an epidemiologist and conducted the research presented in this thesis at the Department of General Practice & Elderly Care Medicine, at the EMGO Institute for Health and Care Research of the VU University Medical Center in Amsterdam.

How to **IMPACT** antibiotic prescribing?



A contribution to
antibiotic stewardship
in long-term care

Laura W. van Buul