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**Presentation Preference:** Student poster submission

**Abstract Categories:**  
Research Interest Groups (RIGs): Minority Health  
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**Abstract:**  
**Introduction:** The purpose of this poster is to present a review the literature on medication adherence for latent tuberculosis infection (LTBI) in Hispanics and propose a model based on these findings. This is an important topic because there is a low completion rate for latent tuberculosis medication regimen. Hispanics represent 29% of the tuberculosis cases. TB medication adherence in Hispanics must be addressed to fully eradicate TB. The research questions are as follows: What is the nature of the literature of medication adherence to latent tuberculosis treatment in Hispanics? What variables correlate with medication adherence to tuberculosis treatment in Hispanics?

**Method(s):** Literature from 1998-2009 was searched for studies of medication adherence in adult Hispanics in the United States. Data on study purpose, design, population description, method of measuring compliance and main findings were collected. The search engines used were Pubmed, Cinahl, Health Source: Nursing/Academic Edition, Cochran Library and Medline. The search terms were “Hispanic, Latino, or Mexican American” “tuberculosis” and “medication adherence”.

**Results:** Eight studies met the inclusion criteria. Methods of measuring adherence were interviews, self-reporting, keeping of appointments or response to phone calls, amount of medication dispensed and months in treatment. The review identified financial status, health literacy and cultural factors as important barriers to medication adherence. The relationship between medication adherence and demographics, gender, self-reported health and side-effects was inconclusive. A model to describe the process of adherence was proposed.
Discussion & Conclusions: Due to the limited availability of published literature on Hispanics and adherence to medication treatment, there are important gaps in the conceptual landscape of this problem. Additional research is needed to more clearly identify factors affecting medication adherence in Hispanics with LTBI.

Abstract History:
This abstract has not been presented or accepted for presentation in whole or in part at the SNRS or other scientific meeting.

Financial Disclosure:
No, I (or a member of my immediate family) have not received something of value* from or own stock (or stock options) in a commercial company or institution related directly or indirectly to the subject of my presentation.

FDA Disclosure:
I will not be describing any pharmaceutical and/or medical device.

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