## DECLUTTERING THE PROBLEM LIST IN ELECTRONIC HEALTH RECORDS

Austin R. Brown, PharmD<sup>1</sup>; Allison McCoy PhD, MS<sup>2</sup>; Adam Wright PhD, FACMI, FAMIA, FIAHSI<sup>2</sup>; Scott D. Nelson, PharmD, MS<sup>1,2</sup> <sup>1</sup>HealthIT, Vanderbilt University Medical Center, Nashville, TN; <sup>2</sup>Department of Biomedical Informatics, Vanderbilt University Medical Center, Nashville, TN

## INTRODUCTION

- The electronic health record (EHR) problem list has many uses within clinical decision support (CDS), problem-oriented charting, reporting, research, and billing. The maintenance, completeness, and accuracy of the problem list are essential to meet these goals.
- Yet clinician attitudes towards the problem list vary greatly with controversy as to what should be documented and who should update it.
- The literature has mainly focused on evaluating the *completeness* of the problem list.
- However, clinicians are burdened with the upkeep of problem lists weighed down by duplication, lack of specificity, and persistence of resolved problems.
- Therefore, the objective of this study is to evaluate the current state of problem list maintenance



## PRELIMINARY RESULTS (JAN 1, 2019 TO OCT 31, 2019)



Age (years)	Patients	Percent o Total Patier
0	69,131	13.2%
10	64,884	12.3%
20	52,115	9.9%
30	54,874	10.4%
40	56,631	10.8%
50	69,412	13.2%
60	75,855	14.4%
70	57,048	10.9%
≥80	25,456	4.8%

VANDERBILT VUNIVERSITY

MEDICAL CENTER