## EVALUATING FITNESS TO DRIVE IN ELDERLY WITH SUBJECTIVE COGNITIVE DECLINE



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Medical doctors (MDs)

- are often asked for their advice in driver fitness issues in elderly patients
- opinions are important for elderly deciding to resume/cease driving.



Screening set of functional

- are reluctant to advice their patient confronted with age-related functional changes
  - scared to harm patientcaregiver relationship
  - lacking objective assessments instruments.

Therefore, referrals for fitness to drive evaluations are high.

These comprehensive screenings are stressful for elderly and costly for society. A more detailed functional assessment screening might reduce the

### ability tests (visual, motor, cognitive) predictive of on-road driving ability

#### ASSESSMENT OF FUNCTIONAL ABILITIES



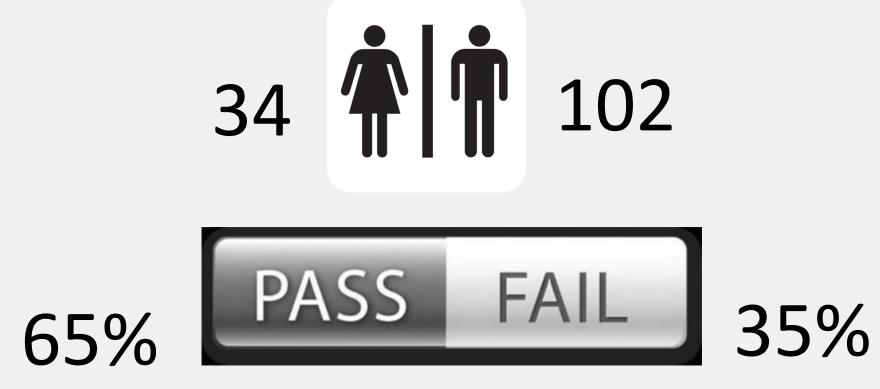
### ON-ROAD DRIVING (mimicking legal fitness to



need for full fitness to drive assessments.

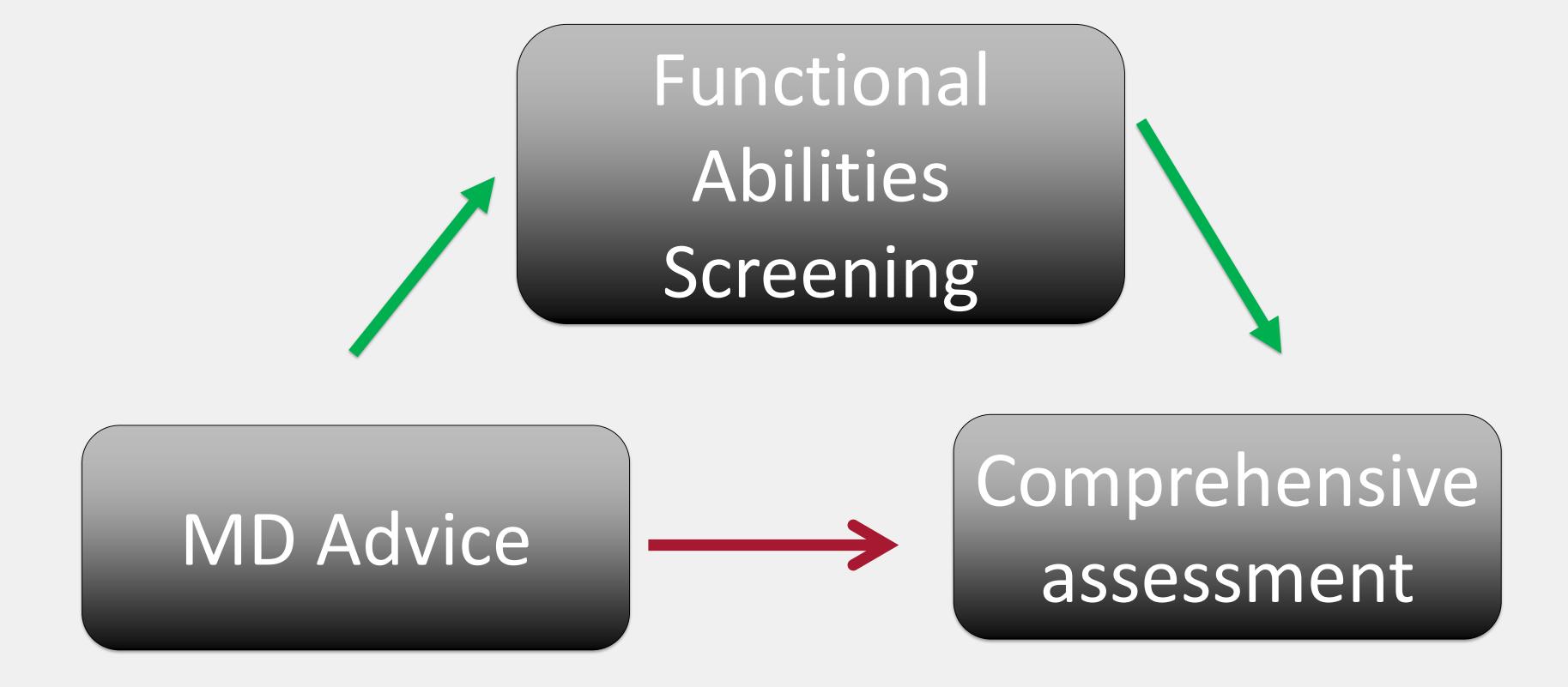
#### drive procedure)

# ON-ROAD TEST BEST PREDICTORS OF FITNESS TO DRIVE



Snellen chart Functional Reach Test Stroke Driver Screening Assessment Visual acuity Balance/Flexibility Knowledge of Road Signs

### FUTURE



- 3-tiered assessment system
- Economic benefit for society
- Personal benefit for the older driver: less stressful evaluation
- Detailed individual functional assessment
- Personalized Driver Training?

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