

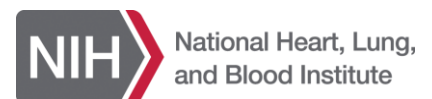
NHLBI Supported Echocardiography Research

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Value-Based Healthcare: Summit 2014

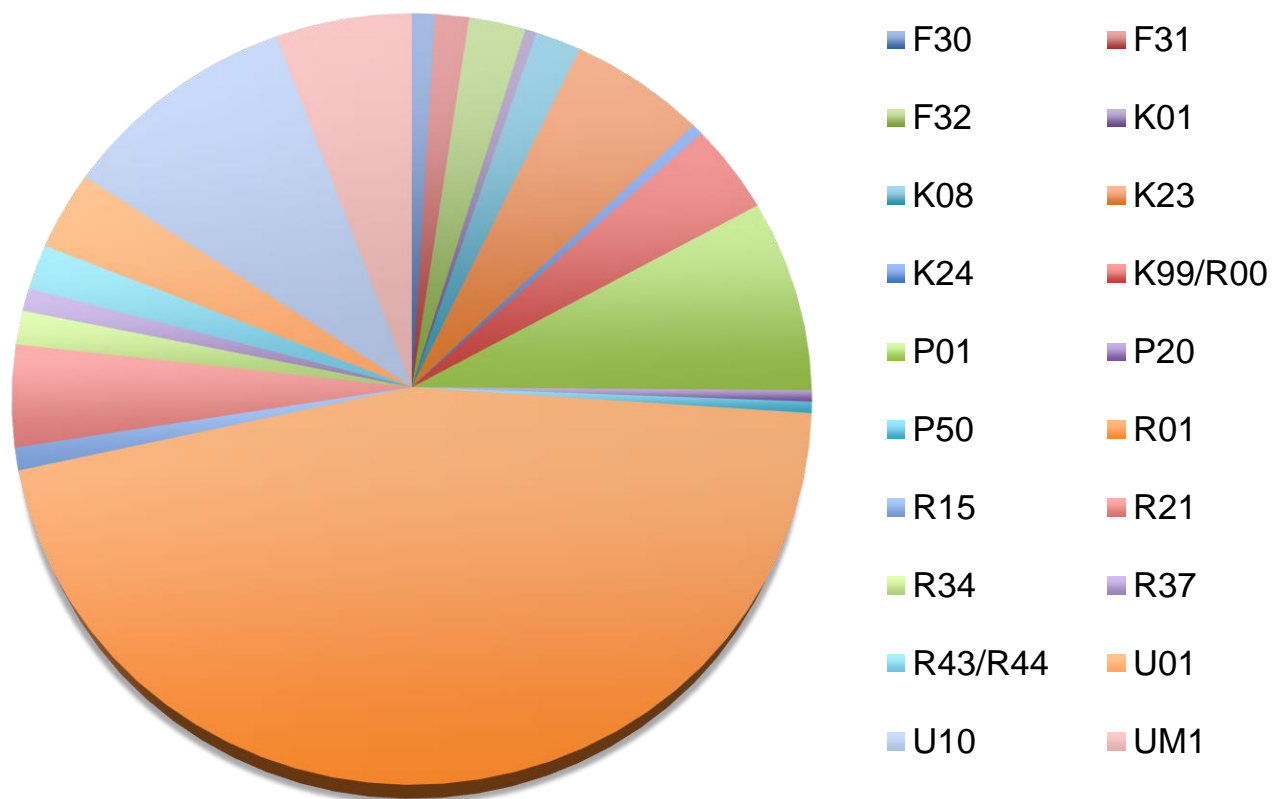
September 12th, 2014



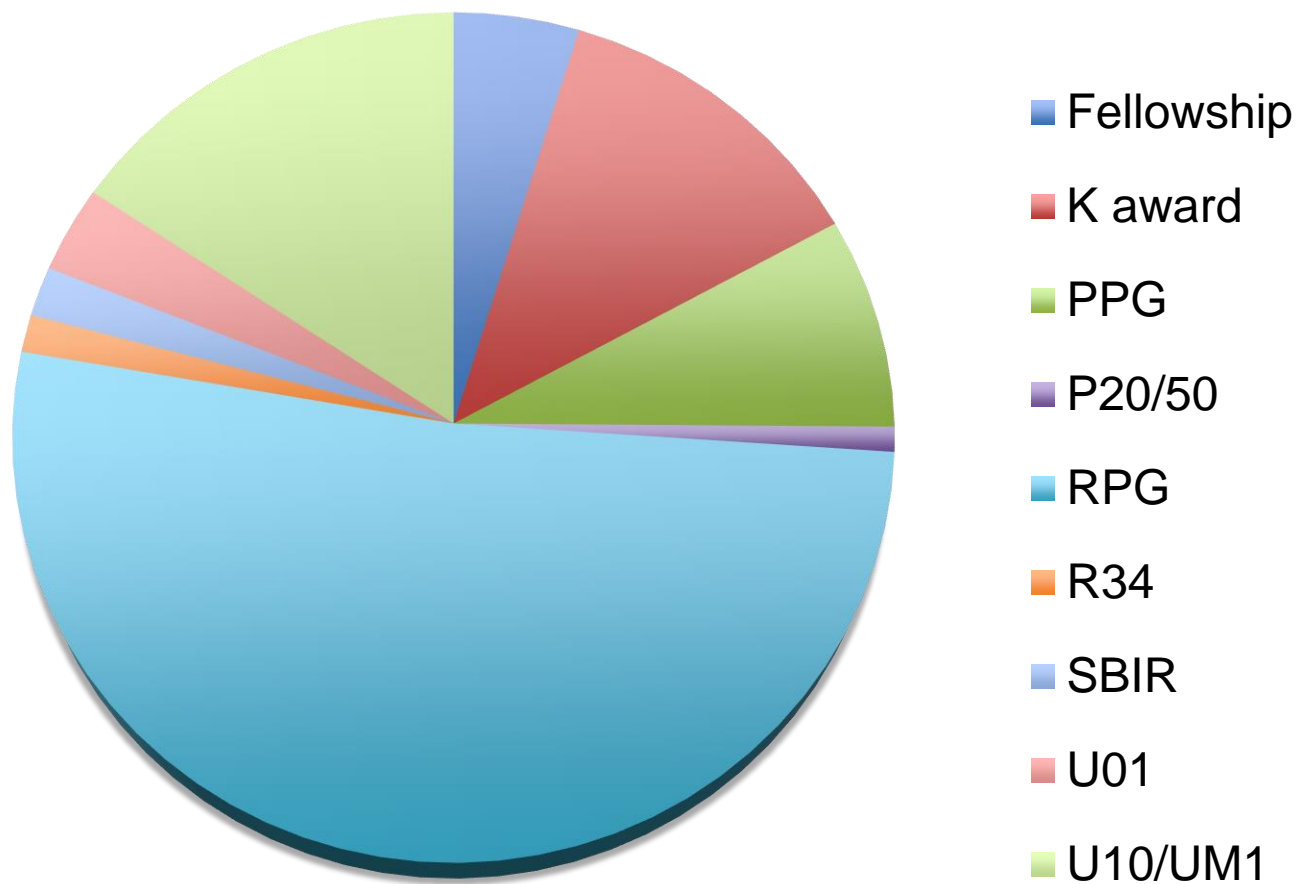
Methodology

- NIH RePORTER searched for HL projects containing “echocardiography”
- Intramural projects and contracts deleted
- Remaining hits examined manually to determine if they were truly using echocardiography
- Known network grants using echocardiography added manually
- Final tally of 211 grants analyzed

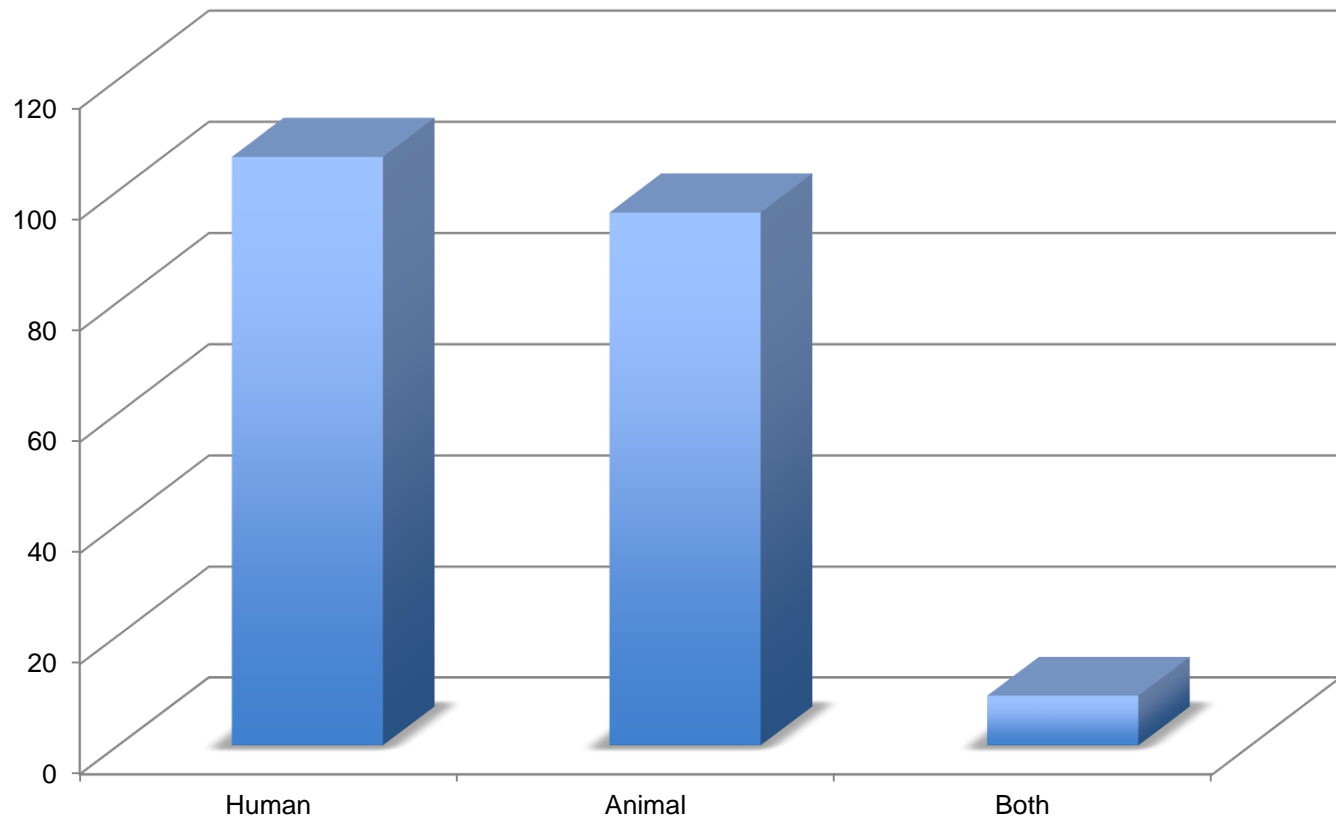
NHLBI Echo Grants – by mechanism



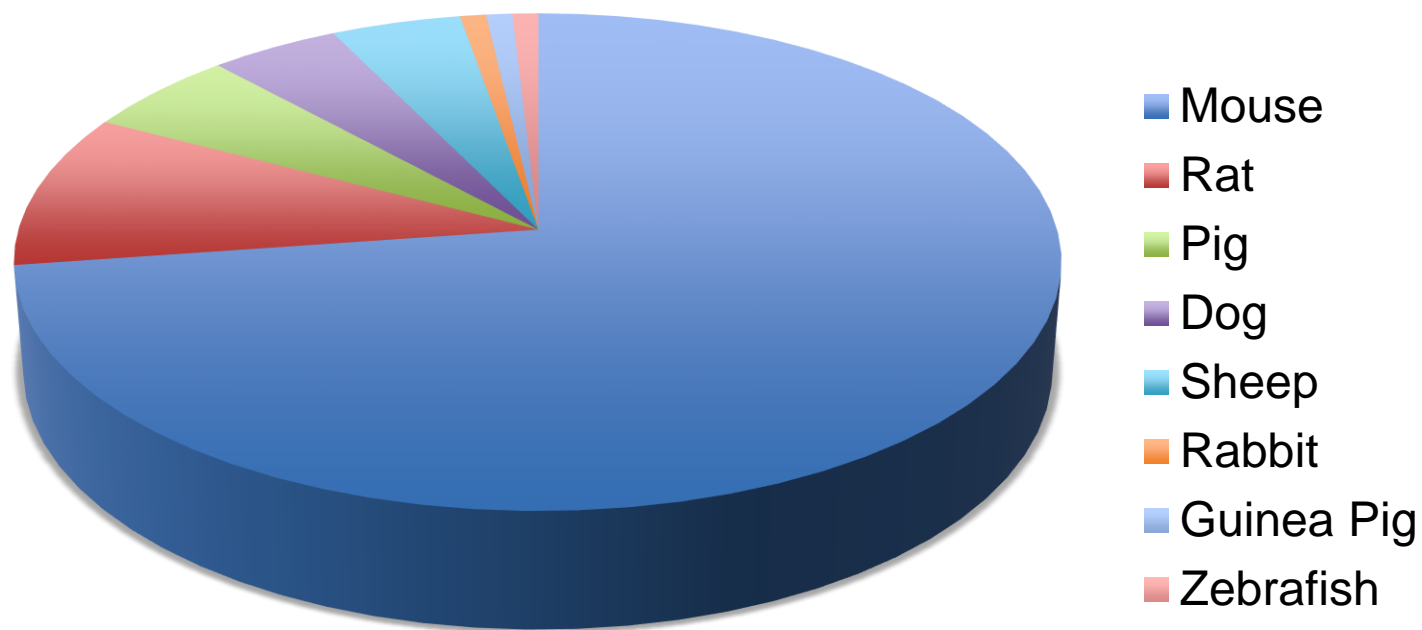
NHLBI Echo Grants – by type



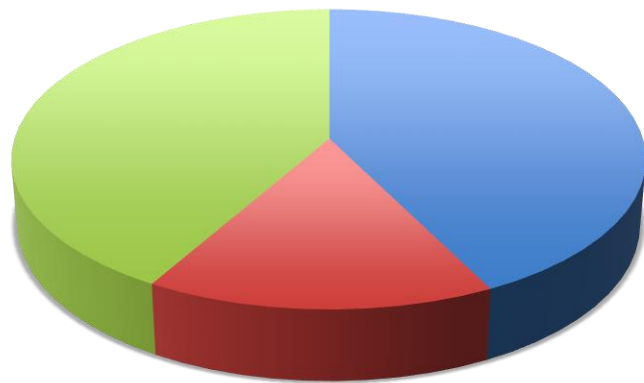
Human vs animal studies



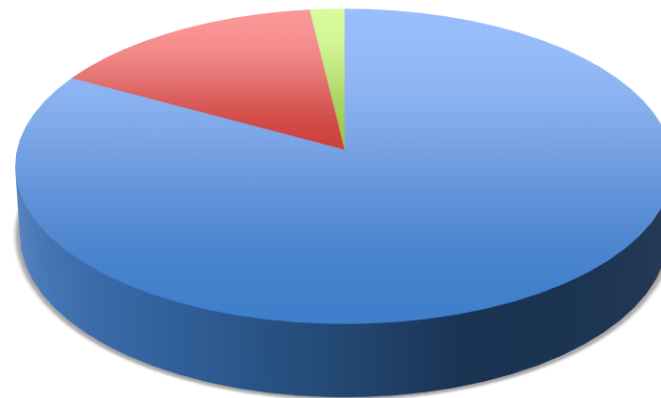
Studies by species



Characteristics of human studies

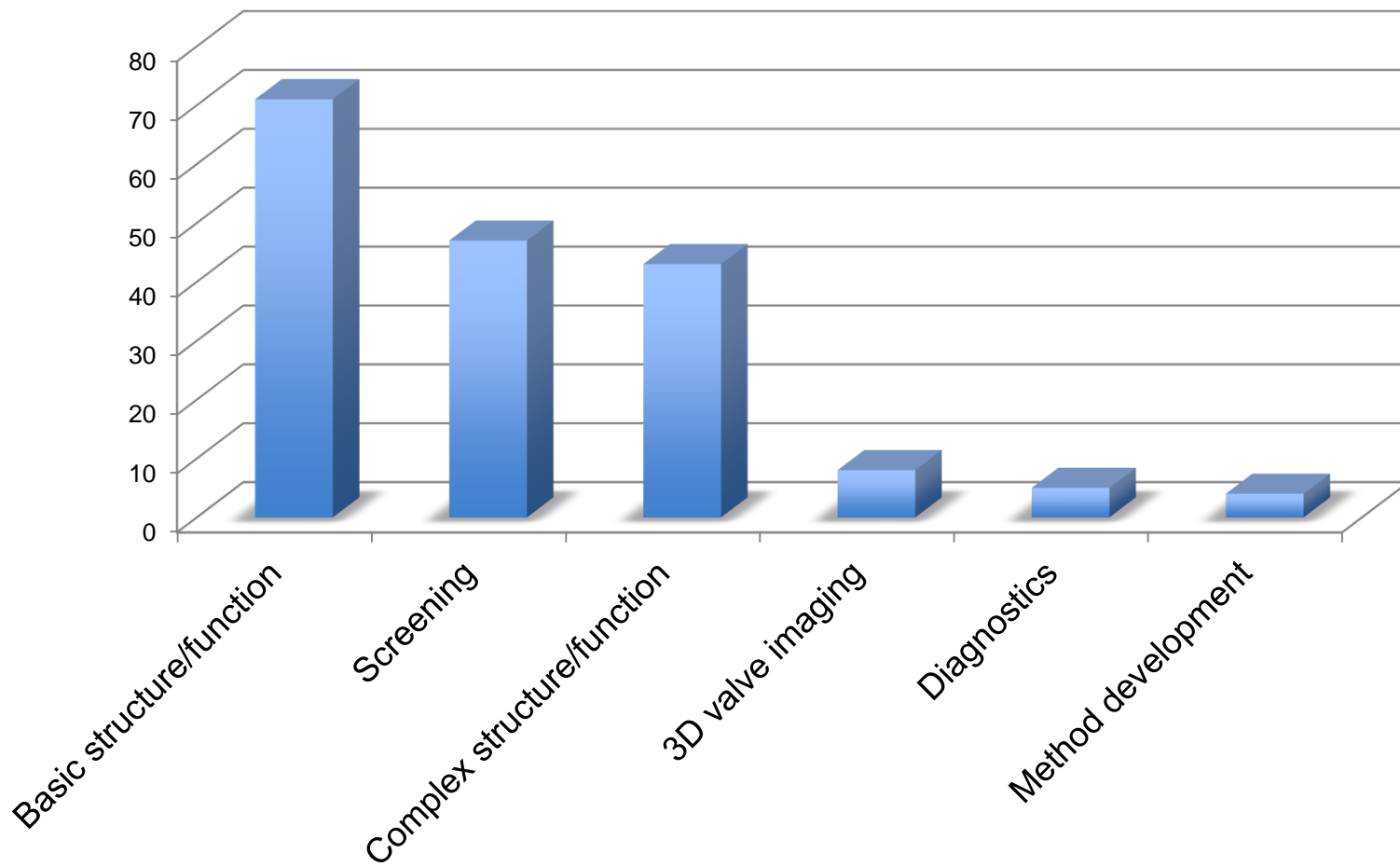


■ Trial
■ Cohort
■ Other

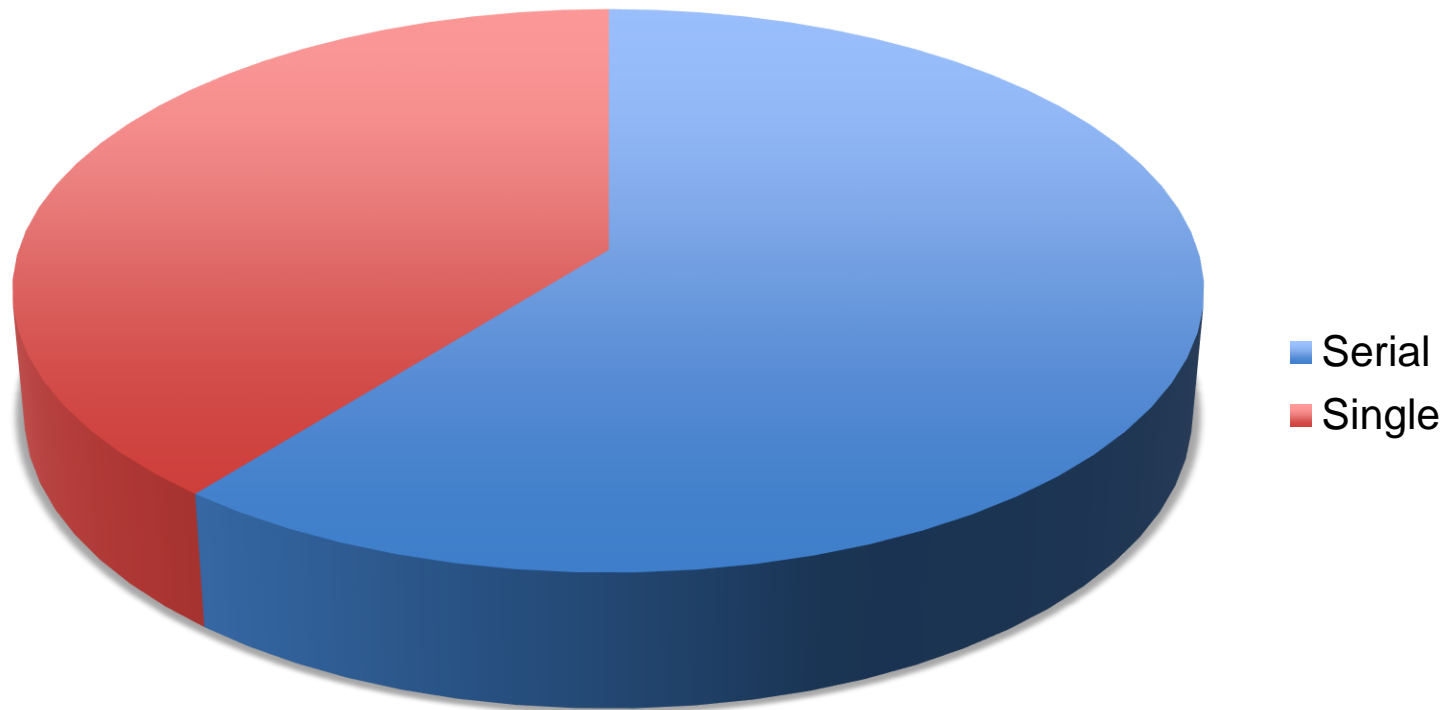


■ Adult
■ Pediatric
■ Fetal

Major research areas



Most studies image subjects serially



Summary

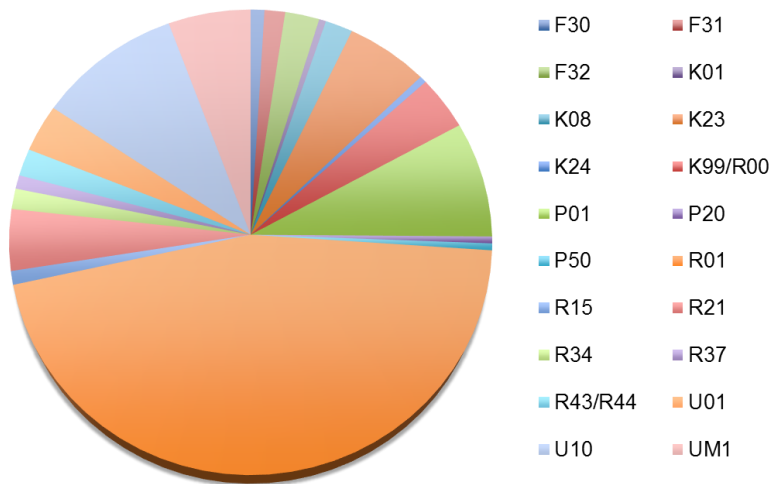
- NHLBI supports more than 200 grants using echo with a wide variety of mechanisms
- Grants are ~evenly split between human and animal studies
- Most studies use echo at multiple time points (and in many cases for hundreds of subjects)
- Echo plays a critical role as a cost-effective tool for serial assessment of cardiac function



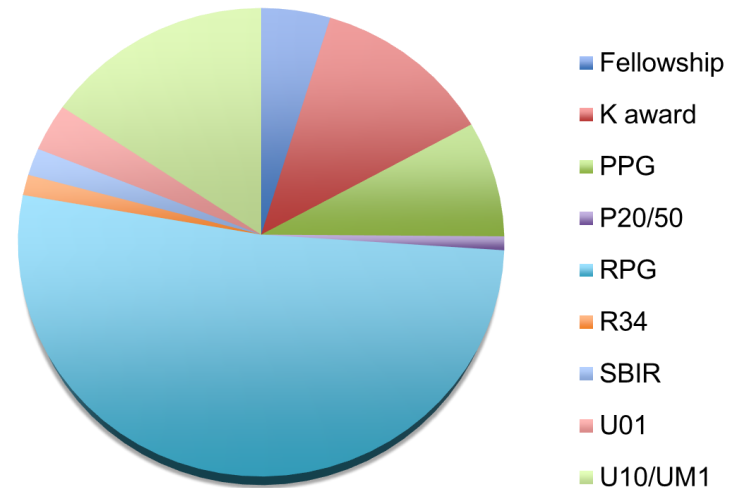
National Heart, Lung,
and Blood Institute

NHLBI Echocardiography Grants

BY MECHANISM



BY TYPE



Major research areas

