

**New Resident Work Hours and
Quality of Care – Synergistic or
Antagonistic?
Program Directors' Perspectives**

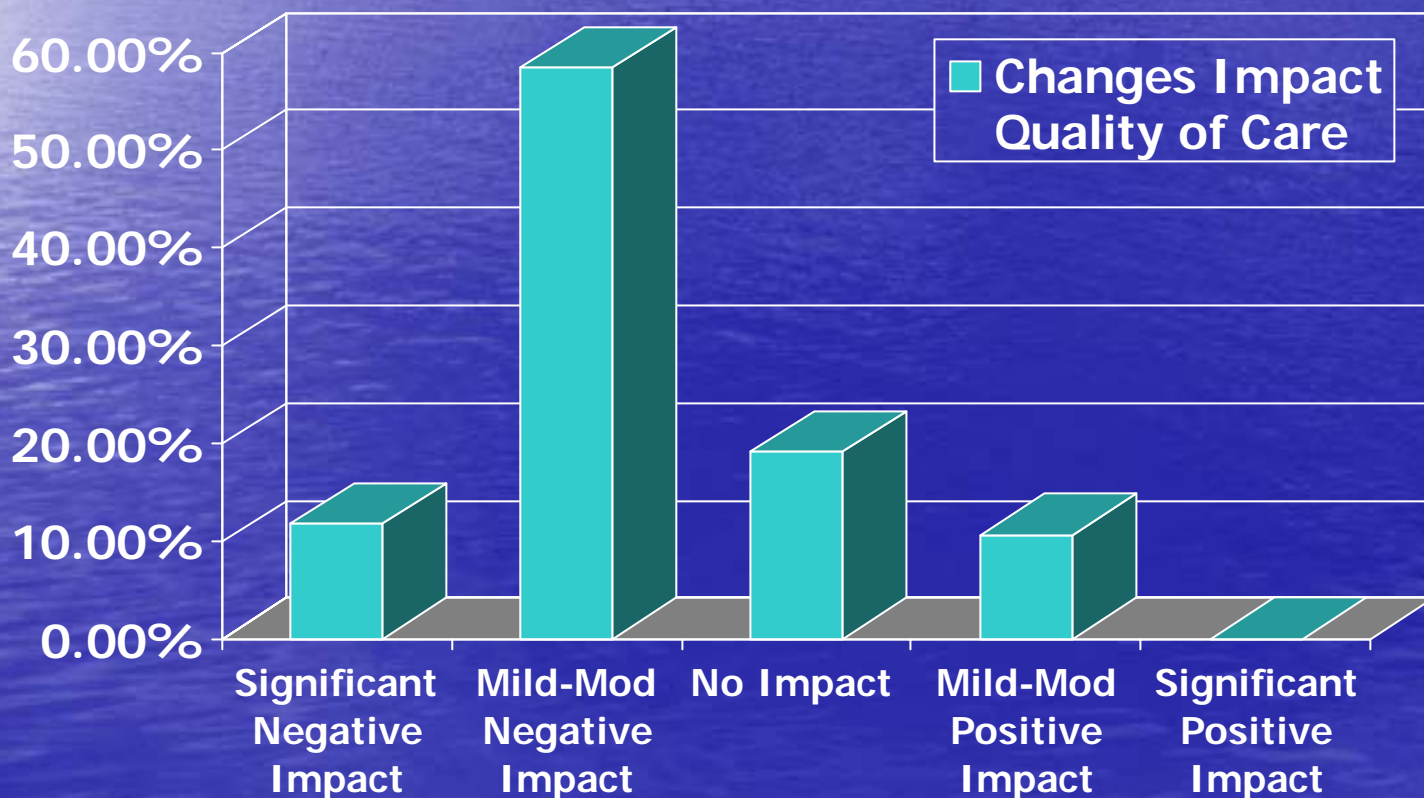
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President,
Association of Pediatric Program
Directors**

Perspectives of Program Directors

- Data from a recent survey
- Data from a collaborative research study
- Personal perspective

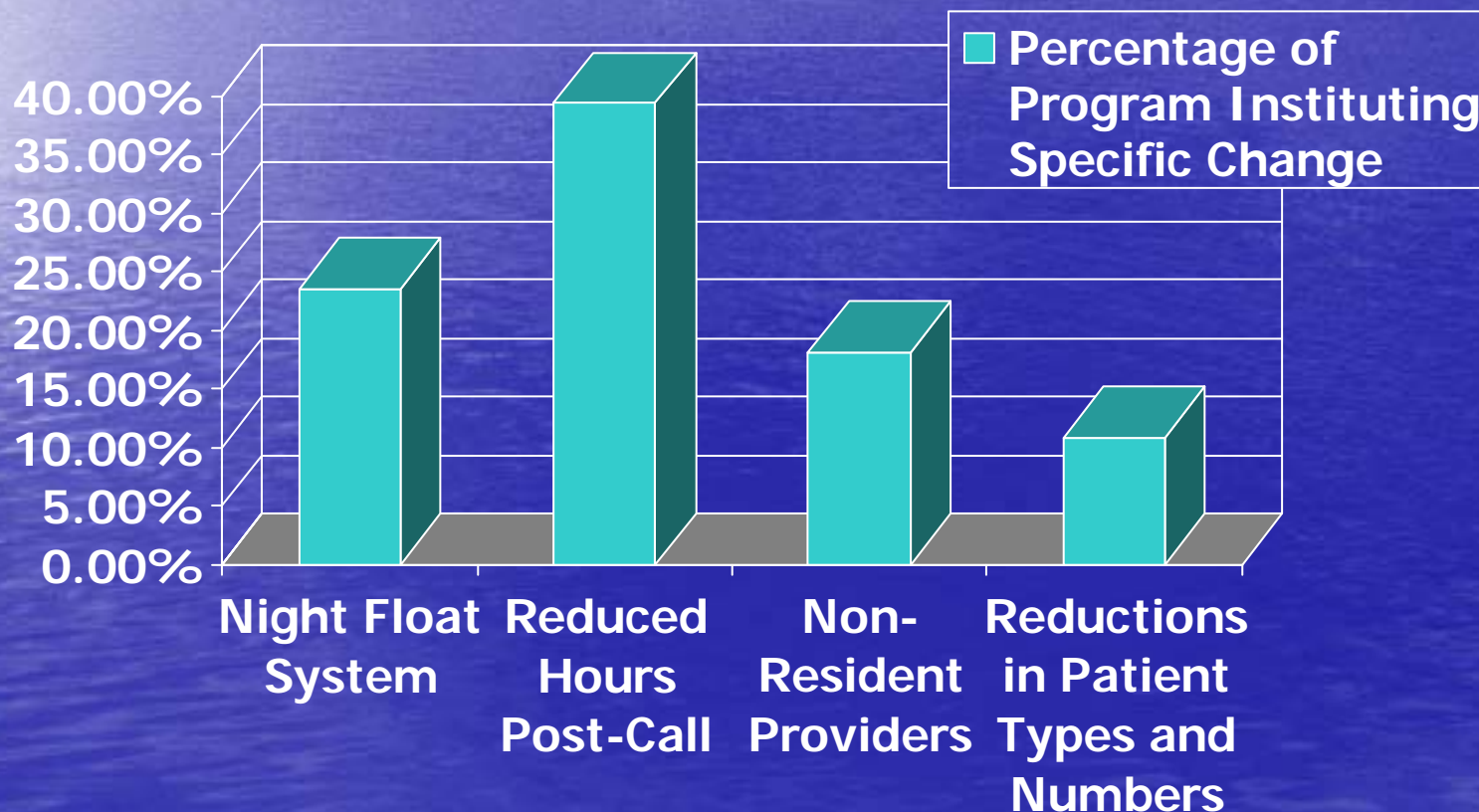
Survey of Program Directors

Changes instituted to comply with duty hour standards impact quality of patient care



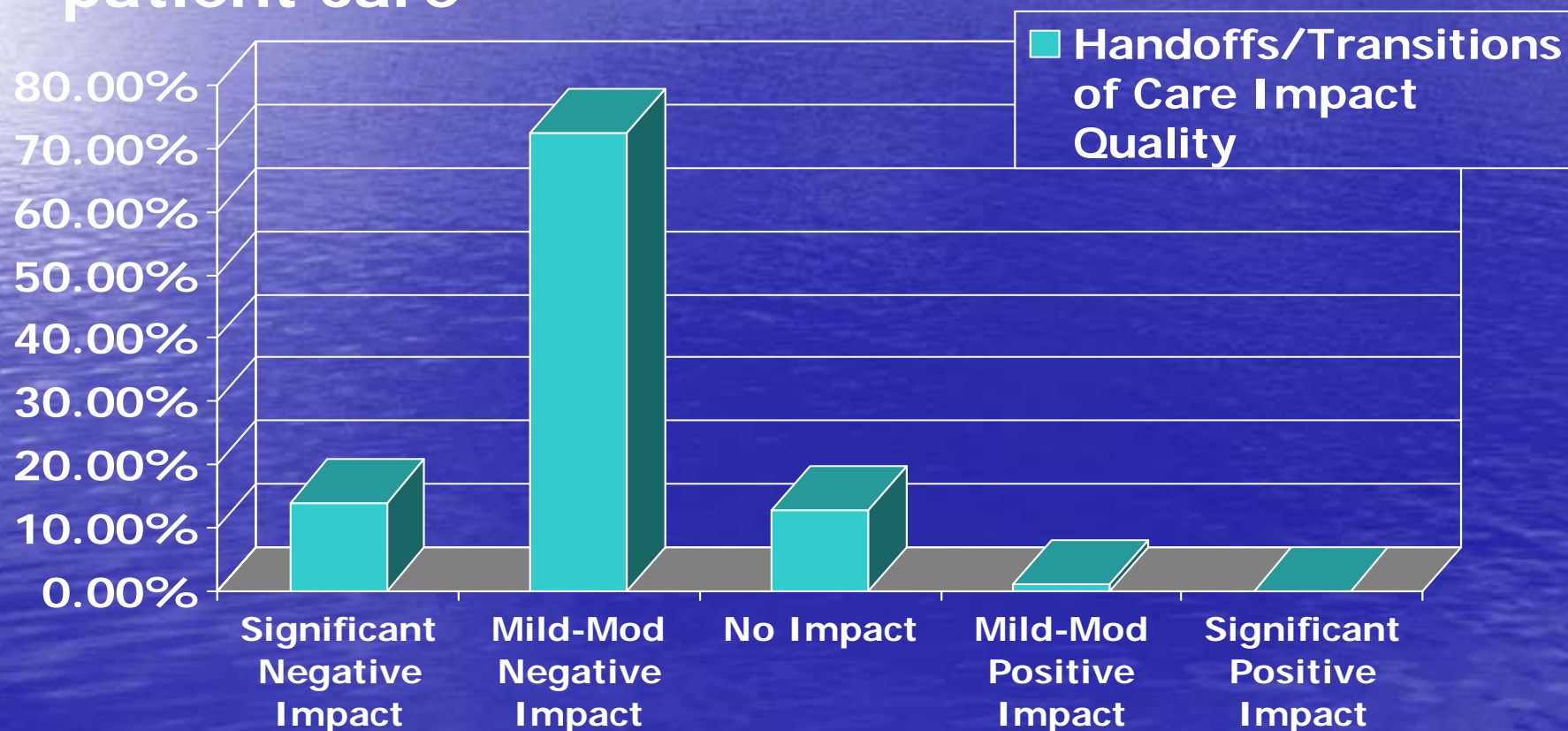
Survey of Program Directors

Specific changes instituted to comply with duty hour standards



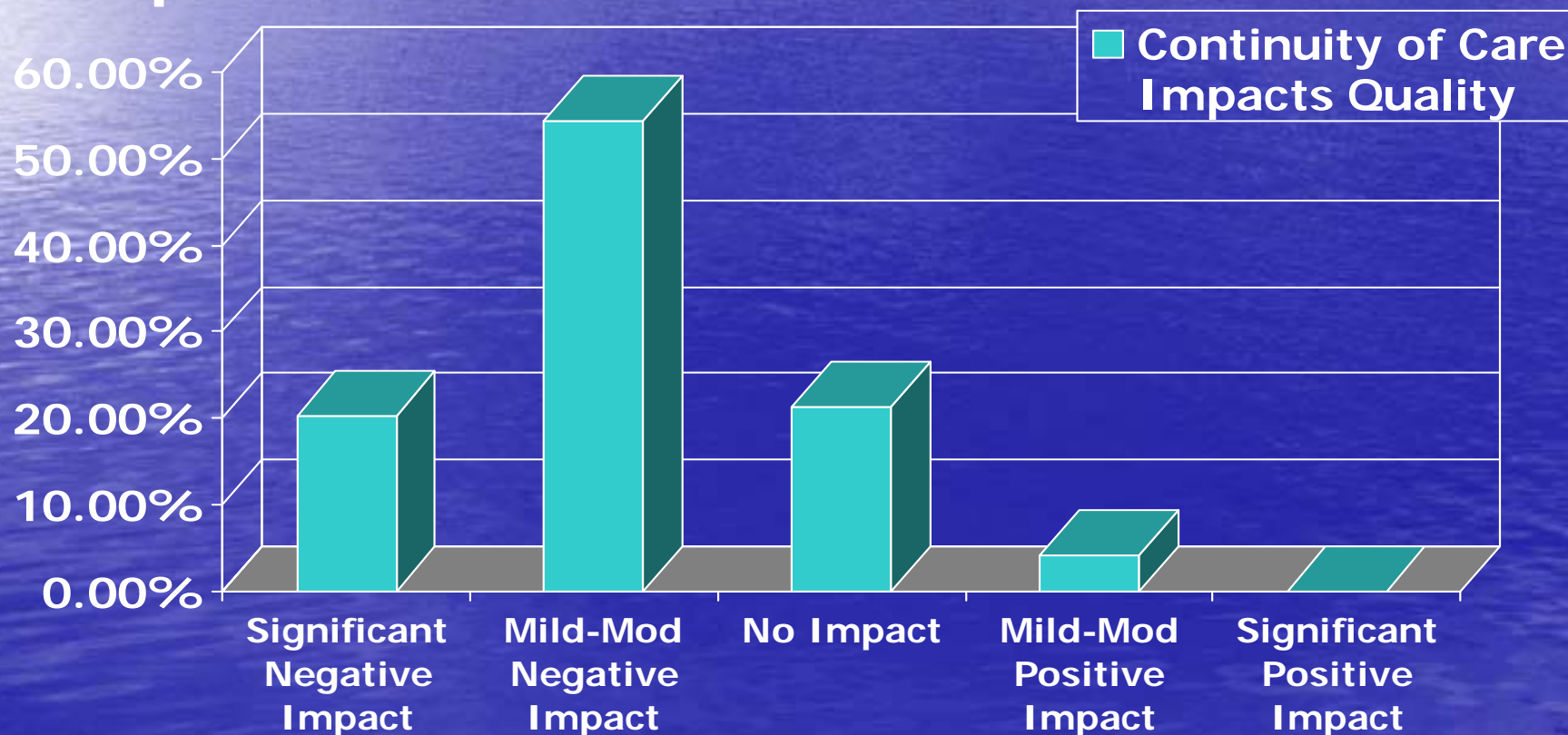
Survey of Program Directors

Multiple handoffs/transitions of care related to duty hour standards impact quality of patient care



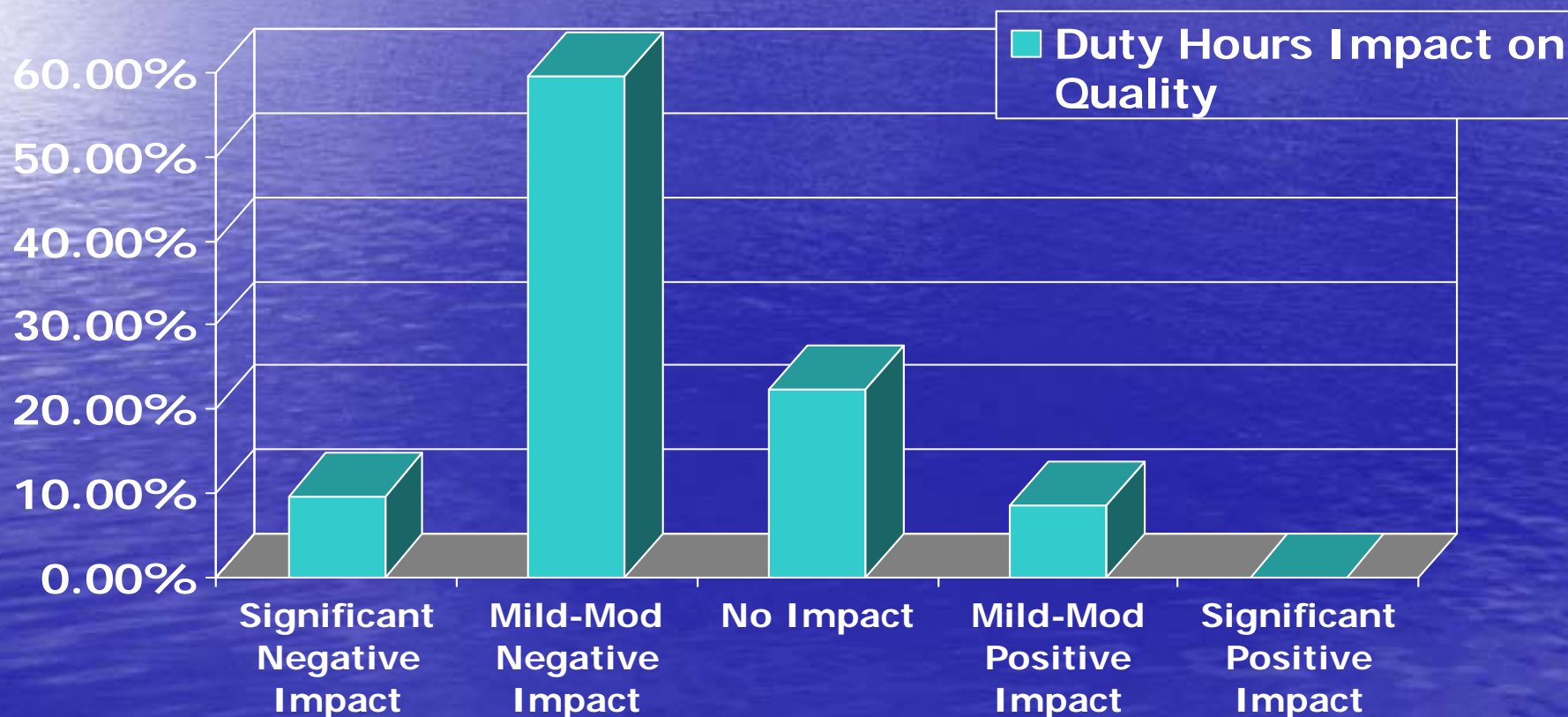
Survey of Program Directors

Changes in the continuity of care by residents related to duty hour standards impact quality of patient care



Survey of Program Directors

Overall duty hours impact on quality of patient care



Survey of Program Directors

- Attendings take more responsibility for patient care
- Resident conference attendance has suffered
- Significant downstream effects that were not always anticipated by leaders in the field
- Patients don't recognize their doctor
- Resident feel pressured to spend their limited post-call time doing paperwork and phone calls rather than spending more quality time with patients

Survey of Program Directors

- Primary issue is multiple transitions
- Duty hour standards have caused residents to develop more of shift mentality
- Night float teams have created more consistency and continuity for patient care despite the handoffs
- If pediatric residents can learn to function better in teams, things will be improved
- Duty hour restrictions have caused us to make some very positive changes to our structure which reduce burnout and probably reduce medical error

Resident Sleep, Health, and Medication Errors

- Collaborative, multi-centered study involving pediatric residents
- Blinded, independent medication error detection

Resident Sleep, Health, and Medication Errors

- **Before and After Duty Hours Standards**
 - No change in weekly work hours
 - No change in weekly sleep hours
 - No change in medication errors

Resident Sleep, Health, and Medication Errors

- **Surprising findings**
 - Medication error rates did not correlate with sleep or burnout
 - Significant rates of medical errors associated with depression

Personal communication: Landrigan and Fahrenkopf

Personal Perspective

- Improvement in duty hours is the right thing to do
- We must improve duty hours and quality of patient care
- Improving quality of patient care is a complex problem
- We are in transition period after the adoption of duty hours standards
- Our next challenge is the re-engineering of inpatient care