

The background of the slide is a spiral-bound notebook with a light beige, textured cover. The spiral binding is visible on the left side. The text is centered on the page.

Self Reported Health Problems after Oil Spillage from Tasman Spirit

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TASMAN SPIRIT





Introduction

The accidental spillage of oil in the sea poses a serious environmental hazard to both marine and human life. Oil spills often occur through accidents such as *Exxon Valdez* in Alaska¹ in 1992, *Sea Empress*² oil spill in 1996 and *Tasman Spirit* in 2003³⁻⁴



ZMU



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METHODOLOGY

- 📄 A cross-sectional survey was conducted at three campuses of Ziauddin Medical University
- 📄 The participants were divided into three groups according to average number of hours spent near site of the oil spill.
- 📄 Self administered questionnaires seeking information about adverse health effects

RESULTS

 A total of 369 subjects participated in the survey

Response rate :

- 88.5% (263 out of 297) for medical students
- 57.6% (106 out of 184) for faculty and staff members

 Common health problem:


- Headache (56%)
- Sore throat (44%)
- Nasal irritation (43%)

RESULTS

 Other symptoms (19.5 %)

- fever
- vomiting
- body ache reported by 72 of 369 respondents

RESULTS

 These adverse health problems showed some increase with the duration of time spent in the Clifton area *but none of them* were found to be *statistically significant*

RECOMMENDATIONS




Reassessment of the impact of oil spill at various levels:

- shore line
- water column
- atmosphere
- marine life
- human beings

RECOMMENDATIONS

Sampling of

- water
- soil
- sediments
- marine life to assess the impact of oil spill

 Long term health surveillance for the people living near the site of the spill as Benzene and other hydrocarbons are known carcinogenic

A graphic of a spiral-bound notebook with a cream-colored page and a brown cover. The spiral binding is on the left side. A thin horizontal line is drawn across the page, just above the text.

THANK YOU