THE IMPACT OF PROSTITUTION ON
AUSTRALIAN TROOPS ON ACTIVE SERVICE IN
A TROPICAL ENVIRONMENT – WITH PARTICULAR
REFERENCE TO SOCIOCultural FACTORS INVOLVED
IN THE INCIDENCE AND CONTROL OF VENEREAL DISEASE

A THESIS
SUBMITTED FOR THE
DEGREE OF DOCTOR OF MEDICINE

Cavin Hart B.V.Sc.(Hons), M.B., Ch.B.
Department of Medicine
January 1974
# CONTENTS

1. List of Plates  
2. Summary  
3. Originality of Thesis  
4. Advance to Medical knowledge  
5. Review of related literature

## I. FAILURE TO CONTROL VENEREAL DISEASE
1. General factors  
2. Personal prophylaxis  
3. Contact treating

## II. PSYCHOLOGICAL ASPECTS OF VENEREAL DISEASE
1. Personality  
2. Psychological sequelae

## III. PROSTITUTION
1. Definition  
2. Legislation  
3. Characteristics of prostitutes  
4. Clients of prostitutes  
5. Military aspects  
6. Prostitution and venereal disease

## IV. MILITARY ASPECTS OF VENEREAL DISEASE
1. Statistics  
2. Military policy  
3. Leadership and morale  
4. Environmental factors  
5. Individual factors
<table>
<thead>
<tr>
<th>Section</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>V.</td>
<td>VENEREAL DISEASE AND AUSTRALIAN SOCIETY</td>
<td>82</td>
</tr>
<tr>
<td>1.</td>
<td>Aspects of Australian society</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Australian involvement with venereal disease</td>
<td></td>
</tr>
<tr>
<td>VI.</td>
<td>PROGRESS IN THE MANAGEMENT OF Gonorrhoea</td>
<td>94</td>
</tr>
<tr>
<td>6.</td>
<td>Acknowledgements</td>
<td>106</td>
</tr>
<tr>
<td>7.</td>
<td>Text</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>PART I. METHODOLOGY</strong></td>
<td></td>
</tr>
<tr>
<td>SECTION 1.</td>
<td>GEOGRAPHICAL SETTING</td>
<td>107</td>
</tr>
<tr>
<td>SECTION 2.</td>
<td>CLINICAL SETTING</td>
<td>110</td>
</tr>
<tr>
<td>I.2.1</td>
<td>Administration</td>
<td></td>
</tr>
<tr>
<td>I.2.2</td>
<td>Incidence of venereal disease</td>
<td></td>
</tr>
<tr>
<td>SECTION 3.</td>
<td>SOCIOLOGICAL SETTING</td>
<td>125</td>
</tr>
<tr>
<td>I.3.1</td>
<td>Prostitution and Venereal Disease</td>
<td></td>
</tr>
<tr>
<td>I.3.2</td>
<td>Analysis existing statistics</td>
<td></td>
</tr>
<tr>
<td>SECTION 4.</td>
<td>METHODOLOGY</td>
<td>155</td>
</tr>
<tr>
<td>I.4.1</td>
<td>Introduction</td>
<td></td>
</tr>
<tr>
<td>I.4.2</td>
<td>Descriptive study</td>
<td></td>
</tr>
<tr>
<td>I.4.3</td>
<td>Interviews with Commanding Officers.</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>PART II. RESEARCH STUDIES</strong></td>
<td></td>
</tr>
<tr>
<td>SECTION 1.</td>
<td>CLINICAL PROBLEMS</td>
<td>173</td>
</tr>
<tr>
<td>II.1.1</td>
<td>Genithea</td>
<td></td>
</tr>
<tr>
<td>II.1.2</td>
<td>Penis ulcers</td>
<td></td>
</tr>
<tr>
<td>SECTION 2.</td>
<td>SOCIOLOGICAL FINDINGS</td>
<td>196</td>
</tr>
<tr>
<td>II.2.1</td>
<td>Exploratory Study</td>
<td></td>
</tr>
<tr>
<td>II.2.2</td>
<td>Descriptive Study</td>
<td></td>
</tr>
</tbody>
</table>
SECTION 3. SOME SOCIOLOGICAL FACTORS ASSOCIATED WITH VENEREAL DISEASES

II.3.1 Venereal disease education and attitudes
II.3.2 Alcohol usage
II.3.3 Prophylaxis
II.3.4 Environmental stress
II.3.5 Types of sexual behaviour
II.3.6 Psychological impact
II.3.7 The role of army leadership
II.3.8 Miscellaneous findings

SECTION 4. CONCLUSIONS

8. Appendix

ANNEX 1 (appended to PART 1)

Appendix 1. Historical setting of the Vietnamese campaign.
2. Army documentation and surveillance of venereal disease instructions.
3. Classification by locality.
4. Form for weekly notification of venereal disease to unit.
5. Monthly signal notification to headquarters.
6. Attachment for documents of soldiers returning to Australia.
7. Classification of weekly V.D. by disease.
8. Classification by country, rank and unit.
13. List of out of bounds bars.
15. Long trace report.
16. Hong Kong trace report.
17. Brief trace report.
18. USARV form 69 used for trace reports.
19. Form used for collating data from trace reports.
20. Complete analysis of trace reports.
22. The characteristics of the 17 patients excluded from study due to inconsistencies in their questionnaires.

APPENDIX I (Appendix to Part II)
1. Summary of results from the exploratory study.
2. Fees for sexual stimulation.
3. Summary of sociological parameters of the control series, V.D. and no-V.D. groups (all divided into conscripts and volunteers).
4. Summary of sociological parameters of the control series (divided into i.e. and no-i.e.) and of the clinic series (divided into V.D. and no-V.D.)
5. Summary of findings for the clinic series, divided into V.D. and no-V.D. (with further subdivision
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>6. The relationship of various sociological parameters to frequency of intercourse with prostitutes in Australia</td>
<td>65</td>
</tr>
<tr>
<td>7. The relationship of various sociological parameters with age of first intercourse</td>
<td>75</td>
</tr>
<tr>
<td>8. The relationship of various sociological parameters to infection with V.D. before visiting Vietnam</td>
<td>81</td>
</tr>
<tr>
<td>9. The relationship of various sociological parameters to homosexuality in Vietnam</td>
<td>83</td>
</tr>
<tr>
<td>10. Prophylaxis related to various sociological parameters</td>
<td>85</td>
</tr>
<tr>
<td>11. Summary of findings of some less important epidemiological factors in the clinic series (divided into conscripts and volunteers: single and married)</td>
<td>87</td>
</tr>
<tr>
<td>12. The relationship of various sociological parameters to initiation of sex in bars</td>
<td>92</td>
</tr>
<tr>
<td>14. Sociological parameters altering intention to have intercourse</td>
<td>95</td>
</tr>
<tr>
<td>15. The relationship of various sociological parameters to the intention to have further intercourse in Vietnam</td>
<td>96</td>
</tr>
</tbody>
</table>
15. Analysis of some sociological factors associated with the psychological impact of prostitution on attenders at a venereal disease clinic.

17. The relationship of various sociological parameters to desire to marry a Vietnamese.

18. The relationship of various sociological parameters to parental approval of promiscuity.


22. Proctosmia distributed at a brief lecture to all new arrivals in Vietnam.


24. Comparison of sociological parameters of those acquiring venereal disease only once with those for patients with multiple infections.

25. Prophylaxis used compared to belief in efficacy.


27. Letter from a Military Commander to Sub units, January 1969.
22. Letter from a Military Commander to Headquarters, January 1971. 123
29. Letter from a Military Commander to Sub unit, May 1968. 131
30. Letter from Headquarters to a Military Commander, March 1969. 134
31. Letter from a senior medical officer to Allied Command Headquarters, June 1970. 136
32. Letter from a senior medical officer to a Military Command, April 1970. 137
33. TEDF Technical Instruction 1/66, Venereal Disease, November 1966. 140
34. APV Medical Technical Instructions No. 6, Management of venereal disease, October 1968. 146
35. Letter from a senior medical officer to a Military Commander, May 1967. 151
36. Instruction to Medical Officers from a senior Medical Officer, January 1971. 154
37. Principles of venereal disease control in a Military environment. 158

9. Bibliography. 161