

JOURNAL OF BIOSOCIAL SCIENCE SUPPLEMENT No. 5

FERTILITY IN ADOLESCENCE

Edited by **A. S. Parkes, R. V. Short, M. Potts
and M. A. Herbertson**

**Proceedings of the Seventh Biomedical Workshop
of the International Planned Parenthood Federation**

SUPPLEMENT No. 5
FERTILITY IN
ADOLESCENCE

A hundred years ago adolescent pregnancies were probably rare, for both biological and social reasons. Over the last century factors such as improved nutrition in infancy and childhood have led to a lowering of the age of menarche and society has become more permissive. Sexuality and the opportunity to use it may now be acquired years in advance of the intellectual maturity needed to handle the problems that arise.

Against this background some 26 eminent international scientists, sociologists, medical and legal experts from Africa, Asia, Europe and America met in London in November 1977 at IPPF's Seventh Biomedical Workshop to discuss all aspects of the problem of fertility regulation in adolescence.

FERTILITY IN ADOLESCENCE includes the full text of all 16 papers presented at this workshop as well as edited transcripts of the discussions that followed each paper. Areas outlined as being of particular concern were the demographic consequences of adolescent fertility; the high maternal and infant mortality rates associated with teenage pregnancy; the social problems linked to an increase in the incidence of illegitimate births to adolescents; the inadequacy of current family life and sex education programmes; and the unsuitability of many existing forms of contraception for adolescents.

JOURNAL OF BIOSOCIAL SCIENCE

Supplement No. 5

INTERNATIONAL PLANNED PARENTHOOD
FEDERATION

FERTILITY
IN
ADOLESCENCE

*Proceedings of the Seventh IPPF Biomedical Workshop, held
in London,
17th and 18th November 1977*

Edited by

ALAN S. PARKES

R. V. SHORT

MALCOLM POTTS

M. A. HERBERTSON

GALTON FOUNDATION
7 DOWNING PLACE, CAMBRIDGE, ENGLAND

1978

© Galton Foundation 1978. No part of this publication may be reproduced or stored in a retrieval system in any form or by any means without the permission of both the Galton Foundation and the author.

*Printed in Great Britain by Spottiswoode Ballantyne Ltd.
Colchester and London*

EDITORIAL NOTE

This volume records the proceedings of the Seventh Biomedical Workshop organized by the International Planned Parenthood Federation and held in London at the Ciba Foundation on November 17th and 18th 1977.

The 1977 Workshop was the second in a projected trilogy dealing with fertility regulation during special phases of the reproductive life cycle. The third, to be held in November 1978, will deal with the 'after forty' period. The proceedings of the third Workshop will also be published as a supplement to *Journal of Biosocial Science*.

The editors acknowledge gratefully the assistance of Miss Jane Cole, of the IPPF Central Office.

Fertility in adolescence

This Workshop was organized by

Professor Sir Alan Parkes	Chairman, IPPF Biological Sciences Panel
Miss Jane Cole	Research Assistant, IPPF, 18–20 Lower Regent Street, London
Mrs Dee King	Executive Secretary, Journal of Biosocial Science, 7 Downing Place, Cambridge

CONTENTS

	Page
Participants	vi
Opening of Workshop. F. T. SAI	1
Genital maturation	
Genital in relation to somatic maturation. FRANK FALKNER	5
Time of onset of sperm production in boys. D. W. RICHARDSON & R. V. SHORT	15
The ovary learns to ovulate. B. LUNENFELD, Z. KRAIEM, A. ESHKOL & I. WERNER-ZODROW	27
Oestrogen and pregnanediol excretion through childhood, menarche and first ovulation. J. B. BROWN, PATRICIA HARRISSON & MARGERY A. SMITH	43
Teenage pregnancy—incidence and outcome	
Teenage pregnancy in England and Wales: some demographic and medico-social aspects. D. ROTHMAN & P. CAPELL	65
The incidence and outcome of adolescent pregnancy in the United States. JOY G. DRYFOOS	85
Pregnancy in adolescence: incidence and outcome in European countries. J. P. DESCHAMPS & G. VALANTIN	101
Teenage pregnancy in developing countries. LARS ENGSTROM	117
Contraception and abortion in teenagers	
Contraception in adolescence—a review of the literature. ELSA RYDE-BLOMQVIST	129
Acceptability and use-effectiveness of contraception for teenagers. RUTH COLES	159
Social and emotional aspects of pregnancy in teenagers. PAULINE CRABBE	171
Adolescent sexuality	
Law, policy and adolescent sexuality. JOHN M. PAXMAN	187
Socio-cultural aspects of age at marriage in the Middle East. SATTAREH FARMAN-FARMAIAN	215
Some psychosexual problems of Asian adolescents. N. KODAGODA	227
Social and psychosexual problems of African adolescents. F. A. SAI	235
Adolescent sexuality—changing needs and values. MANUEL CARBALLO	249
Closing of Workshop. R. V. SHORT	255
Index of contributors	257
Index of subjects	257