FOLIA MEDICA INDONESIANA

Vol. 42 No. 3 July - September 2006

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Published by:
GRAMIK
AIRLANGGA UNIVERSITY SCHOOL OF MEDICINE
Accredited no. 39/DIKTI/Kep/2004
International Online Distribution by ProQuest™
www.proquest.com

Folia Medica
Indonesiana Vol. 42 No. 3 Page 139-204 Surabaya Jul-Sept 2006
ISSN 0303-7932
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**Chromosome Analysis from Lymphocyte Culture in Sexual Ambiguity Patient**

**Abstract**

At least three parameters are required for sex assignment, namely: chromosomal sex (karyotype), gonadal sex and genitalia sex. Sexual ambiguity will occur if one of those parameters is not in accordance to the other, which in turn gives rise to many problems, especially social problems. Chromosome analysis had been done to 40 patients with sexual ambiguity, who came to Clinical Genetic Unit of Airlangga University School of Medicine, Dr. Soetomo Hospital Surabaya from January 2004 till May 2005. The results are as follows: 29 patients (72.5 %) with a 46,XY karyotype (which were actually male pseudohermaphroditisms); 9 patients (22.5 %) with a 46,XX karyotype (which were actually female pseudohermaphroditism); 2 patients (5 %) with a 46,XX karyotype (which were actually true hermaphrodites).

**Keyword**: sexual, ambiguity, karyotype, pseudohermaphroditism, ,

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