

ORIGINAL RESEARCH ARTICLE

Abdominal Pregnancy at the University College Hospital, Ibadan: A Ten-Year Review

OA Ayinde*, CO Aimakhu, OA Adeyanju and AO Omigbodun

Department of Obstetrics and Gynaecology, University College Hospital, Ibadan, Nigeria

*For Correspondence: E-mail: sola-ayinde@yahoo.com

Abstract

Fourteen cases of abdominal pregnancy managed at the University College Hospital, Ibadan, Nigeria, over a ten-year period (January 1994 to December 2003) were reviewed. The incidence ratio of abdominal pregnancy was one in 654 deliveries. It accounted for 4.3% of ectopic pregnancies. Age range was 20 to 43 years; 63.4% of the patients were unemployed and 50% were nullipara. Pre-operative diagnosis was possible only in half of the cases. Only two patients with advanced pregnancies and live fetuses (14.3%) were allowed to have conservative management while the others had immediate laparotomy. Live birth rate was 7.1%, but overall fetal survival rate was 0%. Fetal malformations were common, with talipes equinovarus and jaw abnormalities occurring in 49.2% and 14.3% respectively. Twelve patients (85.7%) who had complete removal of the placenta, though lost more blood, had better outcome than those with placenta left in-situ. The case fatality rate was 7.1%. (*Afr J Reprod Health* 2005; 9[1]: 123-127)

Keywords: Abdomen, pregnancy, laparotomy, diagnosis, Nigeria

References

1. Adjahoto EOA, Attignon A and Kodonou K. Abdominal pregnancy: study of a series of 11 cases. *Rev Med Suisse Romande* 2002; 122(1): 39-42.
2. Mekki Y, Gilles JM, Mendez L and O'Sullivan MJ. Abdominal pregnancy: to remove or not to remove the placenta. *Prim Care Update Ob Gyns* 1998; 5(4): 192.
3. Ozdemir I, Demirci F, Yucel O and Alper M. Primary omental pregnancy presenting with hemorrhagic shock. A case report. *Gynecol Obstet Invest* 2003; 55(2): 116-118.
4. Jazayeri A, Davis TA and Contreras DN. Diagnosis and management of abdominal pregnancy. A case report. *J Reprod Med* 2002; 47(12): 1047-49.
5. Varma R, Mascarenhas L and James D. Successful outcome of advanced abdominal pregnancy with exclusive omental insertion. *Ultrasound Obstet Gynecol* 2003; 21(2): 192-194.
6. Bonfante Ramirez E, Bolanos Ancona R, Simon Pereyra L, Juarez Garcia L and Garcia-Benitez CQ. Abdominal pregnancy, institutional experience. *Ginecol Obstet Mex* 1998; 66: 287-289.
7. Opere-Addo HS and Deganus S. Advanced abdominal pregnancy: a study of 13 consecutive cases seen in 1993 and 1994 at Komfo Anokye Teaching Hospital, Kumasi, Ghana. *Afr J Reprod Health* 2000; 4(1): 28-39.
8. Ravera M and Coccozza E. Late abdominal pregnancy: expectant management with survival of the infant. *Clin Exp Obstet Gynecol* 1997; 24(2): 107-108.
9. Pricop M, Tomosoiu C, Feurdean M, Gafencu C, Musca S, Slatineanu S and Daniil C. Abdominal pregnancy. Case report, review of the literature. *Rev Med Chir Soc Med Nat Iasi* 2000; 104(2): 139-142.
10. Garcia-Benitez CQ, Lira Plascencia J and Duenas Riano JJ. Conservative management of secondary ectopic abdominal pregnancy. Case report with literature review. *Ginecol Obstet Mex* 2003; 71: 181-186.
11. Farag GE, Ray S and Ferguson A. Surgical packing as a means of controlling massive haemorrhage in association with advanced abdominal pregnancy. *Eur J Obstet Gynecol Reprod Biol* 2003; 109(1): 106-107.