SIR,—Mr. C. K. Vartan (26 June, p. 767) implies that those aspiring gynaecologists who are not prepared to be liberal abortionists should forget about the M.R.C.O.G. and train for some other branch of medicine. Surely this view will be vigorously challenged by individuals and by the Royal College of Obstetricians and Gynaecologists itself.

Those of us who terminate pregnancies at fairly regular intervals in accordance with what we believe to be the intention of the new Act, but for good reasons and not merely on demand, do not, I think, suffer from the distaste for the operation which Mr. Vartan and others like him say they feel.

This operation, like any other, is perfectly satisfactory when it is done for a proper reason. Mr. Vartan says that no one "enjoys this work." Surgeons do not "enjoy" amputating limbs, but they do not complain about having to do it when the reasons are good. Perhaps the gynaecologist who "is already doing more than he likes" should consider the possibility that his dislike stems from the unnecessary quality of some of his operations and the opprobrium of his nurses and his resident staff.

Mr. Vartan is a senior and respected member of our specialty and of the Royal College of Obstetricians and Gynaecologists. If he were not, his expressed opinion would be merely controversial. As it is, however, it must be firmly opposed at this stage for it is a very pernicious and completely new departure. Let those who wish to become gynaecologists be free from this outrageous sanction and let those who wish to become abortionists proceed along separate paths.—I am, etc.,

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Haemorrhage Mimicking Intravascular Haemolysis

SIR.—We were interested to read the letter of Dr. Jeanne D. Reeve (12 June, p. 654) on haemorrhage mimicking intravascular haemolysis. We had a similar case recently that caused considerable diagnostic difficulty since we did not recognize the possibility of an intra-abdominal haemorrhage simulating an episode of acute intravascular haemolysis. A brief description is given as we feel that this syndrome merits wider recognition.

The patient was a 31-year-old negro woman, who presented with lower abdominal pain for three days. She was three months pregnant and was admitted for observation with a tentative diagnosis of an ectopic pregnancy. She was observed for one week during which time she had some further abdominal pain, started to pass small amounts of blood per vaginam, and was noted to have a haemoglobin of 6.4 g/100 ml. She was transfused with two pints of blood and a D. and C. was performed since she was then considered to have a missed abortion. Nine hours postoperatively she collapsed pulseless with no recordable blood pressure, but recovered following the administration of intravenous Rheomacrodex, three pints (1.7 l.) of blood, and hydrocortisone. Postoperative vaginal bleeding was minimal and no explanation for this collapse was found at that time. Two days postoperatively she started to pass dark red urine and six days postoperatively was transferred to Guy's for investigation.

On admission she did not appear obviously ill but still complained of intermittent lower abdominal pain, worse on micturition, and was

noted to be mildly icteric. Investigation showed a haemoglobin of 8.7 g/100 ml, with a reticulocytosis of 20%. Total bilirubin was 4.5 g/100 ml and direct-reacting 1.5 mg/100 ml. Plasma haptoglobins were absent and methaemalbuminaemia present. The urine contained free haemoglobin, haemosiderin, and excess urobilinogen. A sternal bone marrow aspirate showed marked erythropoietic hyperplasia. It was thought that she had had an episode of acute intravascular haemolysis but this could not be explained. There was no evidence for a mismatched transfusion; Coombs test, Ham's test, and Donath-Landsteiner antibody were all negative; blood cultures grew no organism, malarial parasites were not found; haemoglobin studies were normal. Other negative and normal tests included: examination of faeces for occult blood, liver function tests, plasma urea and electrolytes, plasma proteins, and chest x-ray. A midstream specimen of urine contained 30 leucocytes/mm³, but no bacterial growth.

Within a few days her haemoglobinuria cleared completely. Her haemoglobin rose gradually during the next two weeks to 9.8 g/100 ml and the reticulocyte count dropped to 7.5%. Thirty days after her first admission she again developed acute pain in the left iliac fossa with tenderness and signs of peritoneal irritation. At laparotomy there was much old blood in the pelvis and an abdominal pregnancy with the placenta attached to the fimbrial end of the left fallopian tube. Postoperatively she made a rapid recovery and six weeks later had a normal haemoglobin, 14.4 g/100 ml, with no evidence of haemolysis.

In retrospect it seems likely that the characteristics of an acute intravascular haemolytic episode were due to the intra-abdominal haemorrhage, which presumably caused the episode of acute collapse and the anaemia and reticulocytosis. The absence of haptoglobins, the presence of methaemalbuminaemia, and the urinary features were due to reabsorption of haem pigments from the peritoneum. We were unaware of this syndrome until we read the letter of Dr. Reeve and hope that this report will help to emphasize it.—We are, etc.,

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Familial Hyperparathyroidism

SIR.—In their paper on familial hyperparathyroidism (10 July, p. 87) Dr. P. Marsden and colleagues agree that this condition probably represents a form of the syndrome of multiple endocrine adenomatosis. Many patients with this syndrome have a gastrin-producing tumour and the highest association is with parathyroid tumours.¹ Surely an indication existed here to perform gastric secretory studies on these patients together with immunoassays for circulating gastrin, as reliance on clinical and radiological findings for the diagnosis of a Zollinger-Ellison state is likely to be fallacious?

Likewise, an opportunity was not taken to assess the effect on gastric secretion of changing levels of serum calcium before and after parathyroidectomy.^{2,3}—I am, etc.,

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Complications of B.C.G. Vaccination

SIR.—The interesting article by Dr. Sylvia M. Watkins on "Unusual Complications of B.C.G. Vaccination" (20 February, p. 442) includes a list of many complications of this procedure. However, this list does not include the possibility of a generalized hypersensitivity reaction.

Some two years ago we reported the case of a 13-year-old boy who showed a hypersensitivity reaction, involving the skin, muscles, and joints.¹

The clinical picture responded poorly to steroid², but disappeared after tuberculo-static treatment. At that time we were unable to find a similar case in the literature.—I am, etc.,

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¹ Machtey, I., Bandmann, M., and Palant, A., *Lancet*, 1968, 1, 140.

Acute Complete Inversion of the Bladder

SIR.—Acute inversion of the bladder is very rare. Only two cases have been previously reported in children.¹ As the conditions is so rare, it is difficult to draw similarities between cases or explain exactly why the bladder inverts through the urethra. In the case we report here, we can only suggest that coughing may possibly have had some effect in inducing the inversion.

The patient, from the Kafr El-Sheikh Governorate of Egypt, was a female child aged two and a half years. She presented a swelling in the vulva, continuous dribbling of urine, and a rectal prolapse. This condition, which had occurred eighteen hours before the child was brought for examination, started suddenly and the swelling gradually increased in size within two hours. The condition had been preceded by a mild cough for three days.

On examination the child was in good general health. No abnormality was detected on abdominal examination. A local swelling pyriform in shape and slightly smaller than a tennis ball was present in the vestibule. The swelling was covered by smooth mucous membrane, which was continuous with the skin of the vestibule. It was red and glistening all over except for a small area at the outermost part, where there was a blackish discolouration. Posteriorly, there was a pocket of about 1.5 cm depth, in which the two ureteric orifices were clearly visible and the efflux of urine was continuously occurring. The urethral orifice was not found. The swelling was not expansile and showed no impulse on coughing. It was soft, fleshy in consistency, and irreducible. There seemed a great possibility that this swelling was the bladder. Examination also confirmed that complete rectal prolapse was present. The vaginal introitus was normal and the hymen intact.

Since the swelling was irreducible, exploration was decided upon. Through a middle line suprapubic incision the cave of Retzius was explored. No bladder was found in the pelvic cavity. A finger passed beneath the anterior pubic arch could reach to the bottom of the external mass. With one finger from the inside and another from the outside, the thickness of the bladder wall could be felt between the fingers. The peritoneal cavity was opened, the uterus and its adnexa were