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The Impediment of Impotency and the Condition of Male Impotence: A Canonical-Medical Study: Medical Considerations

Paul V. Harrington
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This possibility is postulated on
the fact that the patient went
through an uneventful full-term
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of her long history of chronic pel-
vic inflammatory disease.
There is possibly room for some
debate as to whether or not ex-
traction of the fetus was actually
justified when it was unexpectedly
discovered at the time of examina-
tion under anesthesia. Although
one might argue that the preg-
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there is no doubt that it was cer-
tainly prejudiced by the preceding
curettage) it must be admitted that
death of the fetus was by no
means certain at the time and the
placenta was subsequently found
to have been firmly attached. In
the absence of severe enough
bleeding liable to be an immediate
threat to the life of the mother it
would have been ethically more
prudent to use conservative hemo-
static measures such as oxytocics
and packing in this case. Then
even if indirect abortion occurred
it would have been a natural event
in contrast to the questionable
morality of direct extraction.

CONCLUSION
Uterine curettage for the treat-
ment of serious hemorrhage in-
herent upon pregnancy prior to
the attainment of fetal viability is
usually licit only after the fetus
has died or becomes detached.
There is a high probability that
at least one of these conditions is
fulfilled when hemorrhage is so
great that it constitutes an imme-
diate and serious threat to the life
of the mother. In such circum-
stances it is unlikely that the fetus
is obtaining sufficient metabolic
support from the mother via the
placental circulation to sustain life.
This justifies the assumption that
it is dead or detached.
Application of this criterion re-
supposes that the physician recog-
nizes the distinction between direct
abortion and licit removal of a
dead fetus. The theoretical ideal
of absolute certainty is not always
attainable by all physicians. There-
fore, a reasonable margin of honest
error in making judgments in se-
vere hemorrhagic emergencies is
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LIACRE QUARTERLY

The Impediment of Impotency and
The Condition of Male Impotence
A Canannical Medical Study

REV. PAUL V. HARRINGTON, I.C.L., and CHARLES J. E. KICKHAM, M.D., F.A.C.S.

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ties of cure or remedy of such a
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As mentioned previously, the an-
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determined by the fact of its con-
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the surgery or accident which ac-
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The etiological background of
impotence may, in many instances,
tax the diagnostic acumen of the
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Harrington, I.C.L., were published in the August and November 1955 issues of The
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appears in this issue. Dr. Kickham is a graduate of Holy Cross College and Harvard
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Chief, Department of Urology, St. Elizabeth’s Hospital, Brighton, Carney Hospital, Boston, and Pontchartrain Cancer Hospital at Norfolk, Mass. He is a
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MEDICAL CONSIDERATIONS

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Organic factors, acquired or congenital, are commonly noted and, as previously stated, lack of continuity of the conducting channels of the seminal tract may result in an impotent condition according to the opinion of Cardinal Gasparri and his followers.

On the purely functional basis, loss of potency may be due to neurotic or psychoneurotic sources with no gross pathologic changes demonstrable in the structure of the sex apparatus and no neurogenic dysfunction or mechanical impediment to erection or ejaculation present, even though there may be minor and insignificant pathologic changes. Unconscious emotional disturbances, lack of confidence, sense of inferiority, introspection, frustration, worry, indifference and occasionally sex perversion may be encountered.

Premature ejaculation is frequently encountered when the problem of impotence is presented. In this group the reflex mechanism is abnormally rapid and penile stimulation ends in too early ejaculation after a certain amount of mutual adjustment has taken place. These couples should be reassured and advised by a competent medical authority. An important aspect of premature ejaculation is that in a definite number of cases especially in the introspective type, its repetition may result in lack of confidence, discouragement and frustration which may terminate in an intractable true psychic impotence, which may require intensive psychotherapy.

It should be recognized that the male is born with certain inherent sex endowments. In the weakly endowed, the sex factor may be an inconspicuous and unobtrusive element in his life and may mean little or nothing to him. He may not be aware of such deficiency until conjugal requirements make him realize his inadequacy. This may be manifested by entire lack of libido or deficient erectile power. He may not have the slightest desire to have marital relations and thus lacks the most basic and fundamental predisposition for the normal functioning of the sex apparatus. These men are extremely difficult to evaluate especially in excluding the psychic factor as well as in pinpointing the individual who, for strictly selfish and ulterior motives, "protests his impotence too much."

A knowledge of the anatomy and function of the organs involved in the sex act and an understanding of the physiological mechanisms of erection and ejaculation and the associated neuroanatomy is essential to the proper appreciation of the problems involved in male impotence.

The so-called seminal transformation of the testis, epididymis deferens, ampulla of vas deferens, seminal vesicle and ejaculatory ducts. These organs are bilateral in the normal individual. The prostate gland has an accessory sex role. The testis has a two-fold function. The fundamental purpose is spermatogenesis—the production of sperm which have their origin in the germinal cells of the seminiferous tubules. The second purpose is the elaboration of an androgenic hormone by the interstitial cells. The hormones exercise a controlling power over the reproductive organs and promote male growth and are required for the normal development and physiological efficiency of the sex and accessory sex apparatus. The development of the secondary male characteristics is also dependent on these hormones. Testicular inadequacy expresses itself in many ways and in varying degrees. It may be absolute as after castration, or relative as in the involution of the aged. It may be failure of androgenic function or a failure of spermatogenic function. It may be primary in the testis itself or secondary failure of the gondotrophic activity of the anterior pituitary gland. It must be emphasized that essential to the proper function of the testicles is the integrity of the master gland, the pituitary, which is the most important and dominant member of all the glands of internal secretion. The anterior pituitary secretes the gonadotropic hormone which stimulates the interstitial cells to the production of androgen and controls spermatogenesis and regulates endocrine efficiency.

The scrotum exercises a thermoregulatory role. It has demonstrated that sperm do not reach maturity in the higher temperatures of the inguinal canal and particularly within the abdomen.

Following the production of sperm in the testes, they and any ancillary secretions are transported along the convoluted tubules of the epididymis through the vas deferens which dilates before entering the prostate gland to form the ampulla. At the base of the prostate it is joined by the duct of the seminal vesicle to form the ejaculatory duct which traverses the prostate and empties into the urethra. Obviously, occlusion of this seminal avenue at any point will prevent the testicular secretion on the involved side from reaching the urethra in the ejaculate and, when bilateral, the entire secretion is eliminated.

The seminal vesicles have a two-fold function serving as a reservoir or storehouse for the sperm and also secreting a liquid which modifies and probably enriches its stored contents. The prostate gland's only known role is the production of a secretion which, together with the secretions of the seminal vesicles and bulbourethral glands, mix with the testicular component to form the ejaculate. The prostatic fluid forms the bulk of the ejaculate and dilutes the ex-
in serious hemorrhage before one resorts to curettage. Had curettage not been performed during the admission prior to the present hospitalization, the pregnancy might have continued on to full term. This possibility is postulated on the fact that the patient went through an uneventful full-term pregnancy the year before in spite of her long history of chronic pelvic inflammatory disease.

There is possibly room for some debate as to whether or not extraction of the fetus was actually justified when it was unexpectedly discovered at the time of examination under anesthesia. Although one might argue that the pregnancy appeared to be doomed (there is no doubt that it was certainly prejudiced by the preceding curettage) it must be admitted that death of the fetus was by no means certain at the time and the placenta was subsequently found to have been firmly attached. In the absence of severe enough bleeding liable to be an immediate threat to the life of the mother it would have been ethically more prudent to use conservative hemostatic measures such as oxytocics and packing in this case. Then even if indirect abortion occurred it would have been a natural event in contrast to the questionable morality of direct extraction.

CONCLUSION

Uterine curettage for the treatment of serious hemorrhage contingent upon pregnancy prior to the attainment of fetal viability is morally licit only after the fetus has died or becomes detached.

There is a high probability that at least one of these conditions is fulfilled when hemorrhage is so severe that it constitutes an immediate and serious threat to the life of the mother. In such circumstances it is unlikely that the fetus is obtaining sufficient metallic support from the mother via the placental circulation to sustain life. This justifies the assumption that it is dead or detached.

Application of this criterion presupposes that the physician recognizes the distinction between direct abortion and licit removal of a dead fetus. The theoretical fear of absolute certainty is not always attainable by all physicians. Therefore, a reasonable margin of honest error in making judgments in severe hemorrhagic emergencies is tolerable as a realistic calculated risk until greater precision becomes possible in the diagnosis of fetal death or detachment.

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HAVING set forth the historical evolution and present understanding of the impediment of impotency and the condition of male impotency, it remains now to consider this canonical definition of the light of present-day medical knowledge and determine what aspects, anomalies or abnormalities would or might constitute an impotent condition. The possibilities of cure or remedy of such a condition will also be discussed in an attempt to discover which might be judged to be permanent. As mentioned previously, the antecedents of each condition can be determined by the fact of its congenital nature or by the date of the surgery or accident which accounts for it.

The etiological background of impotence may, in many instances, tax the diagnostic acumen of the most meticulous and painstaking investigator. A detailed present and past history with particular emphasis on those features, pertaining to the sex apparatus, must be elicited. An evaluation of the person’s attitude towards the other sex is necessary. A careful physical examination should be carried out and an impression obtained as to the gonadal type involved. Inspection of the genital organs will reveal the existence of any anomalies or gross defects. Palpation of the scrotal contents is of importance as any abnormal findings may be of real significance. The testes should be followed to the inguinal canal and the size, consistency and location of the testes should be noted. The status of the epididymis must likewise be recorded. The normalcy of the penis must be confirmed. These relatively simple procedures may provide a clue to the solution of the entire problem in an individual case.

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A knowledge of the anatomy and function of the organs involved in the sex act and an understanding of the physiological mechanisms of erection and ejaculation and the associated neurological anatomy is essential to the proper appreciation of the problem involved in male impotence.

The so-called seminal tracts, the two epididymides and the vas deferens, ampulla of the seminal vesicle and ejaculatory duct, are the main secretions of the seminal apparatus. These organs are bilateral in the normal individual. The prostate gland has an accessory role.

The testis has a two-fold function. The fundamental purpose is spermatogenesis—the production of sperm which have their origin in the germinal cells of the seminiferous tubules. The second purpose is the elaboration of an androgenic hormone by the interstitial cells. The hormones exercise a controlling power over the reproductive organs and promote male growth and are required for the normal development and physiological efficiency of the sex and accessory sex apparatus. The development of the secondary male characteristics is also dependent on these hormones. Testicular inadequacy expresses itself in many ways and in varying degrees. It may be absolute as after castration, or relative as in the involution of the aged. It may be failure of androgenic function or a failure of spermatogenesis function. It may be primary in the testis itself or secondary failure of the gonadotropic activity of the anterior pituitary gland. It must be emphasized that essential to the proper function of the testicles is the integrity of the master gland, the pituitary, which is the most important and dominant member of all the glands of internal secretion. The anterior pituitary secretes the gonadotrophic hormone which stimulates the interstitial cells to the production of androgen and controls spermatogenesis and regulates endocrine efficiency.

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pelled contents from the ejaculatory duct and probably separates and activates the sperm. The expulsion of this seminal fluid from the vesicles and vas along the ejaculatory duct and from the prostate depends on the constriction of their smooth muscles as a reaction to stimulation of the sympathetic hypogastric plexus.

Integrity of the parasympathetic and sympathetic pathways to the genitals and sex organs may be fundamental to the normal achievement of erection and ejaculation. Erection is primarily a parasympathetic action with a sympathetic side-effect. Ejaculation is primarily sympathetic in origin with parasympathetic assistance. These mechanisms are reflex from definite levels in the spinal cord and are supervised by control from the higher centers of the brain.

Erection results from a reflex psychic or tactile sensory phenomenon having its center in the parasympathetic fibres of the 2nd, 3rd and 4th sacral segments of the cord. The impulses are carried along the internal pudendal nerve which effect dilatation of the penile arteries and consequent engorgement of the corpora cavernosa and spongiosa. This is associated with compression of the penile dorsal veins which preclude venous return. Ejaculation is basically a complex reflex action from the upper lumbar area of the spinal cord. Three separate mechanisms are involved. Afferent impulses arise chiefly in the sense organs of the glans and are transmitted to the cord along the pudendal nerve. The summation of these stimuli cause efferent impulses to leave the cord through sympathetic nerves along the hypogastric plexus and excite contraction of the smooth muscles of the seminal vesicles, prostate and vas which empty their contents through their associated ducts into the posterior urethra. This is almost simultaneously followed by active expulsion of the seminal fluid through the urethral canal as a result of contraction of the striated bulbo-cavernousus and ischiocavernousus muscles—a parasympathetic effect. Sympathetic contraction of the internal sphincter takes place to prevent regurgitation of the ejaculate into the bladder. The higher centers are not essential to erection and ejaculation but they may drastically modify these acts as psychic factors can readily stimulate or inhibit them.

The body of the ejaculate, whether in the absence or presence of sperm, is termed semen or seminal fluid. The quantity of fluid in each ejaculation varies among individuals and, in the same individual, at various times. The average amount is approximately 4 cc. In the normal individual, the semen is composed of secretions from the testes, probably the epididymis, the prostate gland and the bulbo-urethral glands. (Cowper's). The urethral glands of Littré serve a role of lubrication. The amount, which has its origin in the testes and epididymis, is extremely small and has been estimated to be about one-twentieth of the total ejaculation and this fraction would include the sperm. This is entirely conjectural, however. In addition to the sperm there may be a minute quantity of carrier fluid. However, there is no confirmatory test known at the present time, chemical or microscopic, which can detect a testicular component. It can be concluded, therefore, that the presence of sperm cannot be demonstrated in an ejaculate. The presence of a testicular component cannot be proved.

There is much discussion as to whether or not the sperm travel from the testes to the urethra at the time of ejaculation. It is not known definitely, although it is reasonable to assume that in the brief period of ejaculation the sperm could not travel the long conduit of the epididymis and vas into the urethra. It has been demonstrated that the vesicles function as a sperm reservoir and that, immediately prior to complete emission, the sperm fill the ejaculatory duct. This explains the high concentration of sperm in the initial portion of the semen. We have no data on how long sperm may remain viably stored in the vesicles and it is our present opinion with no scientific proof that in the excitation period, prior to ejaculation, the sperm are carried to the upper seminal tract. It is well known that men who ejaculate very infrequently may often have a normal number of active sperm of regular morphology. In a physiologic discussion in which ducts and tubules are involved, it is difficult to be dogmatic.

The sexual act may be rendered mechanically impossible by a physical condition resulting from a lack of normal development of some portion of the sex system, atrophy of these parts, disease or trauma. Organic sources may be congenital or acquired. Anomalies of the penis or vesica are not infrequently noted as a cause of impotence. The latter are less common, but when encountered, may have great significance.

Congenital absence of the penis has been reported and is obviously a cause of permanent impotence. Rudimentary development of the organ has been observed not infrequently in which the penis is so small that it is entirely enveloped and concealed in the redundant tissues of the scrotum, pubis and perineum, making coitus impossible. A malformation which may be amenable to surgical correction is transposition of the penis and scrotum. Thirty-three instances of rudeplication of the penis have been reported and may be remedied surgically.

Urethral anomalies are a frequent cause of impotence. Stenosis of the external urethral meatus may interfere with ejaculation but this condition is readily cured by meatotomy and urethral dilatation. Hypospadius, a congenital defect, in which the canal terminates on the underside of the penis is a common congenital anomaly. Various gradations occur from an opening on the glans just behind the normal site to one located in the perineum. The anatomical varieties are classified depending on the position of the orifice. The glans or balanitic-type in which the urethral opening is on the underside of the glans, at the site of a rudimentary or absent frenum, rarely presents symptoms other than those due to a tight meatus.
The summation of these stimuli arise chiefly in the sense organs of the glans and are transmitted to the cord along the pudenda nerve. Three separate mechanisms are involved. Afferent impulses are involved. Afferent impulses to the cord through sympathetic nerves along the hypogastric plexus excite contraction of the smooth muscles of the seminal vesicles, prostate and vas which empty their contents through their associated ducts into the posterior urethra. This is almost simultaneously followed by active expulsion of the seminal fluid through the urethral canal as a result of contraction of the striated bulbo cavernousus and ischiocavernous muscles—a parasympathetic effect. Sympathetic contraction of the internal sphincter takes place to prevent regurgitation of the ejaculate into the bladder. The higher centers are not essential to erection and ejaculation but they may drastically modify these acts as psychic factors can readily stimulate or inhibit them.

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and since the trajectory of ejaculation is rarely affected, there is no question of impotency. The penile type has the office at any point between the glans and the peno-scrotal junction and its distance from the glans will affect the factor of potency. In the peno-scrotal and perineal type, the sex act is seldom achieved because the penile deformity is so extreme due to severe chordee and the position of the urethral meatus is so situated that intro-vaginal emission becomes mechanically impossible. These conditions may be amenable to surgical correction and therefore impotency may not be permanent. A variety of technical procedures have been devised to attain the optimum anatomical and functional results. The two-stage procedure has been generally accepted: the first stage is directed towards the correction of the chordee and at a later period, varying from several months to years, a urethroplasty is performed to develop a normal functioning urethral canal. These anomalies are a significant factor in the problem of male impotence and each case must be individually evaluated in relation to its reversibility. Even if the condition cannot be remedied or cured by surgical intervention, hypospadias would not constitute an impotent condition, if vaginal penetration and semination can be achieved by substituting, during the attempted relations, a position different from that usually and normally taken.

In epispadias, the urethral opening is on the dorsum of the penis. It is not commonly observed. The glans type is of no import. The more extreme grade is, in most instances, associated with exstrophy of the bladder, a malformation manifested by absence of the anterior bladder wall and the outer portion of the lower abdominal wall. The posterior bladder mucosa and trigone are pushed forward through the defect and lie on the level of or slightly above the abdominal surface. In complete exstrophy, there is total epispadias, separation of the penis, and a rudimentary broad-stummed penis as a result of the epispadiac urethra and frequently cryptorchism. Impotence is always present in the male and corrective measures give very little hope for relief.

Congenital valves of the urethra, hypertrophy of the verumontanum and diverticula may at times impede ejaculation, but if properly managed, before irreparable damage has taken place, it is not a factor in impotence.

Plastic induration of the penis (Pieroni’s disease) is an acquired condition of unknown etiology in which the presenting symptom is curvature of the penis during erection. This condition may render intromission impossible and cause excruciatingly painful and may cause impotence. It occurs most frequently in middle life and therefore in all probability subsequent to marriage, but is found in all ages. It may be considered irreversible in spite of various surgical and medical measures which have been advocated and employed for its relief.

Malignant disease of the penis is not infrequently observed in the young adult and when the lesion has extended beyond the glans, complete amputation may be required with consequent complete and permanent impotence. In untreated localized process of the disease, partial removal may be warranted leaving a potentially functioning organ. In rare instances, penile amputation may be necessary following severe trauma.

Elephantiasis of the genitals, due to local or systemic causes, may make coitus impossible but may frequently be relieved by adequate treatment of the primary disease. Inflammatory lesions or the late effects of trauma to the urethra and perineum may cause impotence. War injuries are particularly a problem in this regard.

Anomalies of the testes, apart from malposition, are exceedingly rare. As far as the writers are able to determine congenital absence of both testes has never been definitely demonstrated. The role of malposition in impotence is uncertain although it is a well-recognized cause of sterility. In true cryptorchism, the undescended testicle, unilateral or bilateral, lies outside the scrotum although it is in the path of normal descent. In the intra-abdominal variety, there may be loss of potency because of severe trauma when in the inguinal canal, or in the upper part of the scrotum. A distinction between true cryptorchism and the high riding or retracted testis should be made. In the latter, the scrotum may be collapsed on the involved side but does not have the undeveloped appearance that accompanies the true undescended testis. The examiner can push or pull the retracted testis into the scrotum, but if it has not set in the scrotal bed by puberty, it should be considered undescended.

When cryptorchism is observed beyond puberty, in the adolescent and young adult, the testes are small and soft in consistency due to impaired blood supply and to the increased temperature of its resting area as compared to the scrotum, and have undergone atrophy with probably permanent absence of spermatogenic function. The testis is also exposed to trauma when in the inguinal area. The interstitial cells and their androgenic hormone elaboration may not be significantly affected but when the condition is bilateral and especially of the intra-abdominal variety, there may be loss of potency because of...
diminished androgenic production. Engberg observed that men with bilateral undescended testes, treated or untreated, exerted only one-half of the normal amounts of androgen and found the urinary gonadotropins high. This can well explain the lack of libido and the impotence noted in a certain percentage of such men. It has been our personal experience that the male beyond puberty with bilateral intra-abdominal testes is in most instances impotent and exhibits systemic stigma of gonadal deficiency, although this same conclusion cannot be made of the inguinal group in spite of the associated atrophy and loss of spermatogenesis.

There is considerable difference of opinion regarding the optimum age for instituting treatment of the undescended testis, but it is generally accepted that surgery must be carried out before puberty. A cogent argument against too early surgery is that irreparable damage to the circulation and function of the delicate gonads may result.

Individuals who present themselves for treatment in adolescent or adult life should be regarded as neglected cases. Gross and Jewett, in reporting a series of 1222 cases, recommend that surgery be deferred, if possible, until the age of nine to eleven years except in the presence of a trouble-some hernia when it may be done at any time in infancy or early childhood. It has been substantiated that the otherwise normal but undescended testis and the testis in normal position keep pace in their development from birth to the pre-pubertal years, although some investigators limit it to five years. It should be emphasized that as the position of the undescended testis becomes farther away from the scrotum, the percentage of operative success likewise decreases.

In summary, the individual in adolescent and adult life with bilateral and inguinal undescended testes is sterile in practically all instances because all spermatogenic function has ceased. This is especially true of the intra-abdominal group. Permanent impotence will also be frequently encountered in such cases. A low urinary 17-ketosteroid assay and a high gonadotropin level associated with failure of normal sex attributes to manifest themselves are particularly poor prognostic signs.

Since the spermatogenic function of the testes concerns only fertility or sterility of the individual, and not his potency, the total lack of sperm production will never cause an impotent condition. However, if a condition of bilateral undescended testicles prevents my testicular component from appearing in the ejaculate, then, under the Gasparri opinion, the person will be impotent even if he is able to experience a normal erection and if the condition cannot effectively be treated and is to be considered permanent, any marriage intended by the man, is to be prohibited and any union, already contracted by him, is to be declared invalid.

Further, if the case of bilateral undescended testicles has resulted in a complete loss of hormonal function or has so reduced the hormonal function to the point that the individual cannot experience or sustain a normal erection and thus cannot penetrate under both the classical and modern theories, the person is considered impotent and condition is to be judged permanent. The impediment of impotence is thought to be present.

If, during a pre-marital physical examination, it is found that the individual suffers from bilateral undescended testicles at least of the intra-abdominal variety, and if, on questioning, the patient admits that he has never experienced an erection or at least has not experienced one for an extended period of time, and if no remedy is known for this condition, it would appear that such a person should be prevented from contracting marriage because the impotency would be thought certain and thus the excepting clauses of Canon 1068, Section 2, which refer to doubtful cases, could not be invoked.

The efficacy of synthetic androgen administration must be carefully appraised. In many instances the effects may be dramatic. As a result of scientific and clinical investigations its value is being more and more recognized. This aspect will be discussed in greater detail in relation to the castrate and hypergondal individuals. It can be stated that, in the cryptorchid with androgen deficiency, the administration of the proper hormone may result in ability to carry out the sex act in the previously impotent male. In the subject of impotence as an impediment to marriage, however, we must again emphasize the necessity for proof of its value in the specific case involved.

In cases of bilateral orchiectomy, no testicular function remains. If surgery were performed prior to marriage the person is considered to be canonically impotent under the terms of the Gasparri opinion because there can be no testicular component in the ejaculate. The spermatogenic and hormonal functions of the testes are thus eliminated. The secondary male sex characteristics will gradually disappear along with the natural libido so that the accomplishment of the sex act becomes impossible unless something is done to retain these by androgen therapy. As mentioned above, in the recently orchiectized, androgenic function may be sustained by testosterone therapy and there may be no change in the sex characteristics and urges and the individual may be capable of normal erection and ejaculation. Such a person is to be thought potent at least in the understanding of the modern opinion because he is capable of erection and insemination, even though the semen lacks any testicular component.

There are many victims of bilateral orchiectomy who do not react favorably to the testosterone program and, in the light of present knowledge, there is no adequate explanation. It has been assumed by some investigators that the reason is psychic and that the individual subconsciously refuses to accept or become reconciled to his unusual situation. It is very probable, however, that the un-
known X is generally the factor as is true in many patients' failure to respond to therapy in medical entities.

If testosterone properly administered and maintained without interruption over a reasonable period of time does not produce beneficial results, the individual who has undergone bilateral orchiectomy is to be considered permanently impotent under both opinions, and is to be forbidden to marry. If doubt exists as to whether or not the testosterone will be effective, he is to be allowed to marry but the marriage could conceivably be declared null and void at a later time when it is clear that the hormone therapy has not been beneficial and the patient continues to be unable to perform the sex act.

Interpretation of the efficacy of testosterone medication is in many instances difficult. The status of the individual prior to therapy must be determined. Have the effects of orchietomy been manifest by changes in the secondary sex physical signs? Have the normal sex concupiscences been affected? Have the effects of orchiectomy been manifest physical signs? Have the normal testicles. Obviously, this presumes that the condition was antecedent. That has been produced in the hand, he cannot deposit a semen on the one hand, he cannot expect potency under both opinions, since, if deteriorative changes have been interpreted over a reasonable period of time does not produce beneficial results, the individual who has been considered and defended without interruption.

If deteriorative changes have been interpreted over a reasonable period of time does not produce beneficial results, the individual who has been considered and defended without interruption.

The purpose of making available by means of the original article, is to be of particular interest to the Catholic physician by virtue of their ethical implications. It is not limited to the physical, but also the moral, religious, and legal aspects. Therefore, when abstracts are prepared for publication, they are intended to reflect the content of the original article. Points of considered desirable, but not presented in the abstracts, are not included in the abstracts. There is also an editorial comment on the content of the article, which may be thought of as the Catholic physician's contribution to the article. 


In the above two articles the moral implications of anti-fertility drugs are fully and authoritatively discussed.