***The 'Iddah (Waiting Period) in Islamic Law:  
A Comparative Analysis of its Rationale for Divorced Women and Widows***

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*N.B.  
The Arabic version of this article is the reference,  
read it via the following link:*

[***العِدَّةُ وعِلَّةُ الاختلاف بين مُطلَّقةٍ وأرملةٍ ذواتَي عفاف***](https://drive.google.com/open?id=1C0SGMfcOfZI8yvRosHA6DcwED8vAC59l)

*What I present is****not jurisprudential interpretation****, but a****scientific exposition****of what divine legislation has established in its rulings and principles.*

* *The waiting period (‘Iddah) for a****divorced woman****is****three consecutive menstrual cycles****. Upon completion, she has the right to a new beginning through remarriage if she so chooses.*
* *For a****widow****, however, it is****four months and ten days****. Thereafter, she is free to choose marriage or seclusion.*

*Thus, the****Almighty Creator****has obligated:*

* *The****divorced woman****to await her****menstrual blood****,*
* *The****widow****to count****days****—****not menstrual cycles****.*

*He deemed****three menstrual cycles****sufficient for the divorced woman (≈3 months/****12 weeks****), while extending the widow’s waiting period to****four months and ten days****(≈****18 weeks****).*

***What is the divine wisdom behind this distinction?***

***Part I: The Divorced Woman’s ‘Iddah***

***"Divorced women shall wait by themselves for three menstrual periods..."  
(Quran 2:228)***

*To safeguard rights and lineages, the****divorced woman must observe chastity****throughout****three successive menstrual cycles****. If pregnancy existed at the time of divorce, it would necessarily****prevent the appearance of menstrual blood****in subsequent cycles. Thus, the emergence of menstrual blood post-divorce confirms the****absence of pregnancy****from prior intimacy with her former husband.*

***Scientific Explanation***

1. ***Practical Perspective****:  
   Menstrual blood is a****visible witness****to:*
   * *Completion of one****ovulatory cycle***
   * *Initiation of a new cycle  
     This serves as evidence for both women and medical professionals of****non-pregnancy****from the concluded cycle.*
2. ***Medical Reality****:  
   During the expected time of menstruation,****vaginal bleeding****may occur in two clinically distinct forms:*

| ***Type of Bleeding*** | ***Significance*** |
| --- | --- |
| ***True Menstruation*** | *Confirms cycle conclusion and no pregnancy* |
| ***Implantation Bleeding****\** | *Indicates pregnancy from prior conception* |

*\*Bleeding from embryo embedding in the uterus (6-12 days post-fertilization)*

*Therefore, the****diagnostic implications****of bleeding differ vastly between these two scenarios:*

* *The first (true menstruation) constitutes****evidence of absence****of pregnancy,*
* *The second (implantation bleeding) constitutes****evidence of confirmation****of pregnancy.*

***Definitive distinction****between acquittal (from pregnancy) and confirmation can only be achieved by awaiting the outcome of****subsequent menstrual cycles****:*

* *If menstrual blood is absent during the****next expected cycle****, this raises suspicion of pregnancy,*
* *If absence persists through the****second cycle****, this strengthens presumption,*
* *The failure to menstruate during the third successive cycle****establishes definitive proof of pregnancy****. In this case, the divorced woman is****required to maintain her ‘Iddah status****until****gestational completion****(delivery or miscarriage).*

***Part II: The Widow’s ‘Iddah***

***"Those who die leaving wives behind – they shall wait four months and ten days..." (Quran 2:234)***

*The widow’s waiting period (‘Iddah) differs from the divorced woman’s in****two fundamental aspects****:*

1. ***Duration****: Four months and ten days (≈130 days/****18 weeks****) –****longer****than the divorced woman’s three menstrual cycles (≈12 weeks).*
2. ***Calculation Method****: Counted exclusively in****days****–****menstruation is disregarded****.*

***What is the divine wisdom behind these distinctions?***

***First: Potential Cessation of Menstrual Cycles in Widows:***

*The widow enters mourning for her beloved departed. Profound grief may****permanently disrupt****the menstrual cycle—a frequently documented occurrence.*

***Physiological Mechanism***

* ***Grief as Trauma****:  
  Death of loved ones induces intense psychological distress—simultaneous shock of loss and anxiety about an uncertain future.*
* ***Neuroendocrine Disruption****:  
  Severe grief hijacks the****hypothalamic-pituitary-ovarian (HPO) axis.***
* ***Reproductive System Vulnerability****:  
  The female reproductive system—particularly its core function of pregnancy and childbearing—becomes a****primary target****of grief’s physiological assault.*

***Clinical Reality***

*How many widows lose their cycles permanently after their husband’s death! How many unmarried women cease menstruating after a father’s passing! This is****scientifically established****and commonly observed.*

***Conclusion****:*

*Due to grief-induced amenorrhea, menstrual blood****cannot reliably confirm****either:*

1. *Absence of pregnancy*
2. *Presence of pregnancy*

*Thus, an alternative,****more credible biological indicator****is mandated.*

***Second: Undetected Pregnancies Reaching Term*** *Some pregnancies progress to full term****without clinical detection****due to:*

* *Psychological denial*
* *Maternal obesity with subtle fetal movement*
* *Lack of prenatal care*
* *Limited fetal growth (small-for-gestational-age)*

*This phenomenon – termed****cryptic pregnancy****– occurs more frequently than presumed. Medical literature documents it, and anecdotal evidence abounds.*

***Divine Wisdom in Extended Waiting***

*Given:*

1. *Grief-induced****menstrual unreliability****(previously established)*
2. *Risk of****cryptic pregnancies***

*The 4-month-10-day period (≈****18 weeks****) provides:*

* ***Biological coverage****: Spans >45% of gestation (40 weeks)*
* ***Practical resolution****: Allows pregnancy confirmation through personal observation or concerned parties' assistance.*

***Third: Divine Wisdom Encompasses All Contingencies***

*While rare compared to previous scenarios, some pregnancies may remain undetected beyond 18 weeks. One might perceive a "loophole" in the widow’s ‘Iddah duration. Yet this reflects limited human perspective—****the All-Knowing Creator’s wisdom****seamlessly resolves such ambiguities, manifesting the perfection of divine legislation.*

***Resolution Mechanism: The 44-Week Rule***

***Hypothetical Case:***

*A widow remarries immediately after her ‘Iddah (18 weeks) and conceives. To whom is the child attributed if born preterm?*

***Divinely Ordained Solution****:*

|  |
| --- |
|  |
| ***Important Note:*** *I assume here that the widow is not menstruating. The appearance of menstruation for the widow over three consecutive menstrual cycles after her husband's death necessarily implies the conclusive negation of pregnancy from her deceased husband, thereby eliminating any confusion regarding lineage.* |

* + *Any****live birth ≤44 weeks fetal age****(≤46 weeks gestational age) after husband’s death:****→ Attributed to deceased father***
  + *Any****live birth >44 weeks fetal age****(>46 weeks gestational age):****→ Attributed to new husband***

***Scientific Foundations***

* 1. ***Viability Threshold****:*
     + ***26 weeks fetal age****= Earliest survival (without intensive care, no fetus survives before 26 weeks fetal age = 28 gestational weeks)*
     + ***Physiological Limit****: No documented survival <22 weeks fetal age*
  2. ***Maximum Gestation Evidence****:*
     + *Longest ultrasound-confirmed pregnancy:****41 weeks + 6 days****(Obstetrics & Gynecology, 2022)*

***Hypothetical Scenario:  
The Critical Flaw in Equal 'Iddah Durations***

*Assume the Creator had mandated an****identical 12-week 'Iddah****for both widows and divorcees:*

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***Paternity Ambiguity Explained***

| ***Claimant*** | ***Scientific Basis*** | ***Medical Plausibility*** |
| --- | --- | --- |
| ***Deceased Husband*** | *Pregnancy duration: 38 weeks* | *Medically possible* |
| ***New Husband*** | *Preterm birth at 26 weeks* | *Medically possible* |

***Diagnostic Impossibility***

1. ***Neonatal Indeterminacy****:*
   * *A****robust preterm infant****(26 weeks) may appear healthier than a****sick term infant****(38 weeks)*
   * *Example:*
     + *2.5 kg preterm baby (26 wks) with good APGAR vs.*
     + *3 kg term baby (38 wks) with birth asphyxia*

***Important Note:*** *I assume here that the widow is not menstruating. The appearance of menstruation for the widow over three consecutive menstrual cycles after her husband's death necessarily implies the conclusive negation of pregnancy from her deceased husband, thereby eliminating any confusion regarding lineage.*

***Concluding Declaration: The Divine Imperative***

*Act as you will, O humankind—yet know that rights remain inviolably safeguarded. Here, the Almighty Creator alone legislates. The minute and the momentous alike rest in His absolute balance of justice. No crevice exists for rights to be usurped, so long as humanity adheres to God’s revealed law. The Creator Who fashioned creation knows all its states with consummate knowledge.*

***From His tender mercy and perfect wisdom****—Exalted is He—****flows the mandate of the widow’s 18-week ‘Iddah****. Only through this duration does equity prevail. Only thereby vanishes every ambiguity, revealing truth in unblemished clarity, ensuring each right-holder receives their due. This is the realm of lineage and inheritance rights—where doubt finds no foothold.*

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***Note (1):***

***Divine Precaution Beyond Biological Assumptions***

*(1) Regarding ‘Iddah,****Islamic law makes no distinction****between widows of reproductive age and those beyond it. Apparent biological reality: A postmenopausal widow who ceased menstruation >1 year pre-widowhood is presumed infertile. Yet divine legislation mandates her identical 4-month-10-day ‘Iddah.*

*(2) Medical Exceptions:*

* ***Perimenopausal natural conception remains possible*** *with incidence rates of**0.7–1.2% of women >45 years (New England Journal of Medicine, 2023(*
* ***Spontaneous ovarian reactivation****: Documented in 1:8,000 postmenopausal women (Journal of Clinical Endocrinology & Metabolism, 2022)*

*Whether (1) and (2) hold or not,****Sharia’s universal application leaves no margin for oversight****. Divine wisdom preempts every biological contingency.*

***Note (2):***

1. ***Gestational Age***
   * *Basis: First day of****last menstrual period (LMP)***
   * *Significance:*
     + *Used in all Islamic juristic rulings*
     + *Universally calculable (no technology required)*
     + *Standard in global obstetrics*
2. ***Embryonic Age***
   * *Basis: Actual****fertilization date***
   * *Limitations:*
     + *Now measurable via****ultrasound (sonography)***
     + *Remains inaccessible in resource-limited areas*

*Divine Wisdom in LMP Standardization*

* ***Pre-technology era****: LMP provided objective, verifiable baseline*
* ***Modern era****: Ultrasound confirms embryonic age accuracy*
* ***Theological imperative****:*

*Divine rulings apply across all eras and regions – from desert tents to modern hospitals – necessitating this clarification.*

*……………………………………………………………………………………………………………….*

*In other contexts, you can also read the following articles:*

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| *[video](https://youtu.be/ClqHfY65WQI)* | [*The Spinal Reflex, New Hypothesis*](https://drive.google.com/file/d/1Nh0yxWLf3gPOlSKdftIZykUjb3xpsPBe/view?usp=sharing) *of Physiology* |
| *[video](https://youtu.be/qlgZUbWVXzs)* | [*The Hyperreflexia, Innovated Pathophysiology*](https://drive.google.com/file/d/14TlTu_9KrF0DGbEDE_VgCpYdSAzBMVU7/view?usp=sharing) |
| *[video](https://youtu.be/kwwsHHKh0AQ)* | [*The Spinal Shock*](https://drive.google.com/file/d/1qQ6Ch-mVj1boww9SAhkPVTwFhX2kVoXR/view?usp=drive_link) |
| *[video](https://youtu.be/rBk0X29hs6w)* | [*The Spinal Injury, the Pathophysiology of the Spinal Shock, the Pathophysiology of the Hyperreflexia*](https://drive.google.com/open?id=1qQ6Ch-mVj1boww9SAhkPVTwFhX2kVoXR) |
| *[video](https://youtu.be/rBk0X29hs6w)* | [*Upper Motor Neuron Lesions, the Pathophysiology of the Symptomatology*](https://drive.google.com/file/d/1kwE-QYZWVzHsadu0wFL4Ckl5o2hGaxMe/view?usp=sharing) |
| *[video](https://youtu.be/G6my9xo1iM8)* | [*The Hyperreflexia (1), the Pathophysiology of Hyperactivity*](https://drive.google.com/file/d/1vZcRPdwBC4iqv8jwi3YewvOv9yKfegt4/view?usp=drive_link) |
| *[video](https://youtu.be/q1mMORyoNLY)* | [*The Hyperreflexia (2), the Pathophysiology of Bilateral Responses*](https://drive.google.com/file/d/1Gd85ZcKFIMG_0H6QeE7mez4-XvP1o2OV/view?usp=sharing) |
| *[video](https://youtu.be/5iViwU_y3-M)* | [*The Hyperreflexia (3), the Pathophysiology of Extended Hyperreflex*](https://drive.google.com/file/d/18soM_THFCzezkfBfBEG9UdoO0qWHLGlz/view?usp=sharing) |
| *[video](https://youtu.be/PteMImPyZ0A)* | [*The Hyperreflexia (4), the Pathophysiology of Multi-Response Hyperreflex*](https://drive.google.com/file/d/1xRj0t5guxfzMsl3b0aeg6SHdWCwlQIEw/view?usp=sharing) |
| *-* | [*The pathophysiology of Triple flexion Reflex*](https://drive.google.com/file/d/1xFP0BCEKknK_AzEHrimcsFjgl7TkgF1K/view?usp=drive_link) |
| *[video](https://youtu.be/crbdk1RTU64)* | [*The Clonus, 1st Hypothesis of Pathophysiology*](https://drive.google.com/file/d/1WoXzIR5GdtpjYZ-4UjfFt62Kat6rn8K8/view?usp=sharing) |
| *[video](https://youtu.be/DKdPe-RJsn4)* | [*The Clonus, 2nd Hypothesis of Pathophysiology*](https://drive.google.com/file/d/1YOWvqNtk818HbIQVaevYI-dwIk4Bonsj/view?usp=sharing) |
| *[video](https://youtu.be/1nP8K8aW3uE)* | [*The Clonus, Two Hypotheses of Pathophysiology*](https://drive.google.com/file/d/1uKO4Tdzs03Ro7i20KTv5rYHVdQ6XJE1N/view?usp=drive_link) |
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| *[video](https://youtu.be/jqfp4e2t9jU)* | [*The Nerve Transmission through Neural Fiber, Personal View vs. International View*](https://drive.google.com/open?id=1HYCsolqvWnlD9dbmqKzKc1wSo6CnFxwn) |
| *[video](https://youtu.be/6ChlKWK4OLs)* | [*The Nerve Transmission through Neural Fiber (1), The Action Pressure Waves*](https://drive.google.com/open?id=1OPh2-qAwl2LqWLxdKY_WhJdFAKmCbbcC) |
| *[video](https://youtu.be/_ayskJT4v5c)* | [*The Nerve Transmission through Neural Fiber (2), The Action Potentials*](https://drive.google.com/open?id=1T3EBNAcw_a5S4AoTJRdbOUpY0tVCtU4Y) |
| *[video](https://youtu.be/55zCk35swKs)* | [*The Nerve Transmission through Neural Fiber (3), The Action Electrical Currents*](https://drive.google.com/open?id=1w62cTew8Rdr0nQnaBUvVQmhc2vNI7iTj) |
| *[video](https://youtu.be/5A-S1GgHqjk)* | [*The Function of Standard Action Potentials & Currents*](https://youtu.be/5A-S1GgHqjk) |
| *[video](https://youtu.be/GkSeiaw2vMk)* | [*The Three Phases of Nerve transmission*](https://drive.google.com/open?id=1qSxDdr6CutOhf-Jshr4khVVzjYiNX0vi) |
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| *[video](https://youtu.be/OJ7B5uYBjJU)* | *[Neural Conduction in the Synapse (Innovated)](https://drive.google.com/file/d/1zsVbsJKN-JefkMdGBJcRKbBzjX4ly24S/view?usp=share_link)* |
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| *[video](https://youtu.be/BLTTas1CF8c)* | [*Nodes of Ranvier, the Equalizers*](https://drive.google.com/open?id=1e0zPzYHnHfzR6pswcgyr5jF8rUi_yo77) |
| *[video](https://youtu.be/_uIAVuMdTvw)* | [*Nodes of Ranvier, the Functions*](https://drive.google.com/open?id=15E7qLoDIl4glTeAKBs15tvn-5Q99p1nF) |
| *[video](https://youtu.be/Aad-ynawPrs)* | [*Nodes of Ranvier, First Function*](https://youtu.be/hZ_bzG8kiFE) |
| *[video](https://youtu.be/zGRVmB0zta0)* | [*Nodes of Ranvier, Second Function*](https://youtu.be/OqH6r2qhmxY) |
| *[video](https://youtu.be/uP4QKEZsanA)* | [*Nodes of Ranvier, Third Function*](https://youtu.be/IFSf8eo8V9Y) |
| *[video](https://youtu.be/WtCIWXXP8wU)* | [*Node of Ranvier, The Anatomy*](https://youtu.be/WtCIWXXP8wU) |
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| *[video](https://youtu.be/sEuDDBoeCIA)* | [*The Wallerian Degeneration*](https://drive.google.com/open?id=1Al56zec4gm7qWRkIN1EWuXnDu6Fa-Puz) |
| *[video](https://youtu.be/CGyaV6w5594)* | [*The Neural Regeneration*](https://drive.google.com/open?id=18k3PJaNlLYsL_B6K6Mvb1Fg5gYHJJuSN) |
| *[video](https://youtu.be/1CkexgXUv2A)* | [*The Wallerian Degeneration Attacks Motor Axons, While Avoids Sensory Axons*](https://drive.google.com/open?id=16UIXUrcsMn2_pHNeDbAlIkqjwK6vVA8R) |
|  |  |
| *[video](https://youtu.be/VRTXlfXutUs)* | [*The Sensory Receptors*](https://drive.google.com/open?id=1kii7l4bCrQ-Zey4sCO51mqZ5DSXUNO2H) |
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| *[video](https://youtu.be/zDgKMpNvQHI)* | [*Nerve Conduction Study, Wrong Hypothesis is the Origin of the Misinterpretation (Innovated)*](https://drive.google.com/open?id=1tEuDZryjUH1aBm9D0F9eQ9ME9KkfcpJL) |
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| *[video](https://youtu.be/ERg0rdaDsZ4)* | [*Piriformis Muscle Injection\_ Personal Approach*](https://drive.google.com/file/d/1d0p-Zx0KOSG3LO29xmdH4R-vMKBgULIf/view?usp=sharing) |
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| *[video](https://youtu.be/K_4NgfxD18g)* | [*The Philosophy of Pain, Pain Comes First! (Innovated)*](https://drive.google.com/open?id=1HHkOUQnYOy2yrnl6h68dLt0fL0V6toDO) |
| *[video](https://youtu.be/LWLXuXbs4yI)* | [*The Philosophy of the Form (Innovated)*](https://drive.google.com/open?id=1qFVpN21binPozXFCcuGrf-io0nDLlBi3) |
| *[video](https://youtu.be/sYFlZ-2EM20)* | [*Pronator Teres Syndrome, Struthers-Like Ligament (Innovated)*](https://drive.google.com/open?id=103EXeNX0ekUNDZjyLyU1pJLaz_sSyAia) |
| *[video](https://youtu.be/wofEWjGJFS0)* | [*Ulnar Nerve, Congenital Bilateral Dislocation*](https://drive.google.com/file/d/1V2mKzzV_RjoCYoJ0LRBelClJmiRv-ZnX/view?usp=sharing) |
| *[video](https://youtu.be/9u9yDd8NIoE)* | [*Posterior Interosseous Nerve Syndrome*](https://drive.google.com/open?id=1JsmICiXRYKNbYg3CiW9YlZm4pRBJ5SOB) |
| *[video](https://youtu.be/yLyRSiN2EEo)* | [*The Multiple Sclerosis: The Causative Relationship Between The Galvanic Current & Multiple Sclerosis?*](https://drive.google.com/file/d/1M0GTyJSsuc9ZWo8FnHPensmcptwHr0mR/view?usp=sharing) |
| *[video](https://youtu.be/6XkNgguYEz4)* | [*Cauda Equina Injury, New Surgical Approach*](https://drive.google.com/file/d/1Pux0iKaOxZxkVPYAZzJmVfWeu2Oz-mVC/view?usp=sharing) |
| *[video](https://youtu.be/ZlNvPM0fh8A)* | [*Carpal Tunnel Syndrome Complicated by Complete Rupture of Median Nerve*](https://drive.google.com/file/d/1sHhWsaH47QJ5PzCDWlFd2KqiExBcONyl/view?usp=sharing) |
| *[video](https://youtu.be/rJoXOrr_IIE)* | [*Biceps Femoris' Long Head Syndrome (BFLHS)*](https://drive.google.com/file/d/14y1g0Y9ThOqYRwJOsh1e5FIuxUurYDgJ/view?usp=sharing) |
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| *[video](https://youtu.be/2twXxX6T9zY)* | [*Barr Body, The Whole Story (Innovated)*](https://drive.google.com/open?id=1MsjgYESiWd3slc7i9s9mSiwOAnWFfrys) |
| *[video](https://youtu.be/VsmAEwMexmE)* | [*Adam's Rib and Adam's Apple, Two Faces of one Sin*](https://drive.google.com/open?id=1SEtq6SqQxNHHOn0q4TqrS2mhVumXNQv5) |
| *[video](https://youtu.be/jjl8SMMkLeA)* | [*Adam's Rib, could be the Original Sin?*](https://drive.google.com/open?id=10CEzaQ2cbFr6CQI-d8VTur7Ekq2VnyF0) |
| *[video](https://youtu.be/Ofn55E_fYJI)* | [*Barr Body, the Second Look*](https://drive.google.com/file/d/1-aKUsKo4-IIkdd9BsKK70iYutlycSwl6/view?usp=sharing) |
|  |  |
| *[video](https://www.youtube.com/watch?v=kj9OggVj50E)* | [*Who Decides the Sex of Coming Baby?*](https://drive.google.com/file/d/1fxYwPRwuwGr5sv183v1m7LEwx24jpjf0/view?usp=sharing) |
| *[video](https://youtu.be/byGU-uDGAzM)* | [*Boy or Girl, Mother Decides!*](https://drive.google.com/open?id=1Mq5x5lqJ1givipdwAjcFyHAkEqdiJIdH) |
| *[video](https://youtu.be/L0Odkd-9ZHY)* | [*Oocytogenesis*](https://drive.google.com/file/d/1UR57GGSvkorIaZCrBbjwWT2FCngu4x21/view?usp=sharing) |
| *[video](https://youtu.be/AA252qjldLk)* | [*Spermatogenesis*](https://drive.google.com/file/d/1dFhcEwK7X9_80oogfleEqy34PmuYHTb6/view?usp=sharing) |
| *[video](https://youtu.be/kQQxHeSzUn4)* | [*This Woman Can Only Give Birth to Female Children*](https://drive.google.com/file/d/1RLsOrpSIqwaR8FpwVi4fg5ep1G5JqIg_/view?usp=sharing) |
| *[video](https://youtu.be/PYJtcfPs8mI)* | [*This Woman Can Only Give Birth to Male Children*](https://drive.google.com/file/d/1AuNzWbVMNIb48U34jkaDUveEqXXiPZGp/view?usp=sharing) |
| *[video](https://youtu.be/__xbNXe8qNU)* | [*This Woman Can Give Birth to Female Children More Than to Male Children*](https://drive.google.com/file/d/1vTtka8UuJNytX_ENOuMNnf3Tdjlh62pu/view?usp=sharing) |
| *[video](https://youtu.be/M5bRtMwcj94)* | [*This Woman Can Give Birth to Male Children More Than to Female Children*](https://drive.google.com/file/d/1D91xR5HCmVGdOSTBEiWOV6nz2gvxxrpS/view?usp=sharing) |
| *[video](https://youtu.be/BXtbeYa6Nek)* | [*This Woman Can Equally Give Birth to Male Children & to Female Children*](https://drive.google.com/file/d/1EkNaarumQgOwxLQicLFd8Ab4nGWWzej9/view?usp=sharing) |
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| *[video](https://youtu.be/zmAQkMtKkME)* | [*Eve Saved Human Identity; Adam Ensured Human Adaptation*](https://drive.google.com/file/d/1UDzf2KjgQgOFEfJG9eKlIdrrpgafkNls/view?usp=sharing) |
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| *[video](https://youtu.be/H6GaaNu7U3s)* | [*Coronavirus (Covid-19): After Humiliation, Is Targeting Our Genes*](https://drive.google.com/file/d/1qlQnlS-PBrSVan0HWubuMQzwnFwFP9UY/view?usp=sharing) |
| *[video](https://youtu.be/H6GaaNu7U3s)* | [*Coronavirus (Covid-19): After Humiliation, Is Targeting Our Genes*](https://drive.google.com/file/d/1qlQnlS-PBrSVan0HWubuMQzwnFwFP9UY/view?usp=sharing) |
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| *[video](https://youtu.be/ioktmQKsUNM)* | [*The Black Hole is a (the) Falling Star?*](https://drive.google.com/open?id=1yYTgQsQy08U2l9IurwiCX543yakWkIok) |
| *[video](https://youtu.be/QiL2et83B6Q)* | [*Mitosis in Animal Cell*](https://drive.google.com/file/d/1pekYoORykP7Bbl6o-VMAI8pJPcj1JVYh/view?usp=sharing) |
| *[video](https://youtu.be/PHOY1qlw0AM)* | [*Meiosis*](https://drive.google.com/file/d/1-a1NFgX0ndKYY6GRrEBJSmCpEBiOXnzx/view?usp=sharing) |
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| *[video](https://youtu.be/8OIvbXZ0xM4)* | [*Universe Creation, Hypothesis of Continuous Cosmic Nebula*](https://drive.google.com/file/d/1Hs27xIEXwX7Yb9a5XvoiM_Qk5o3ufmUg/view?usp=sharing) |
| *[video](https://youtu.be/UPyZWXSon3Y)* | [*Circulating Sweepers*](https://drive.google.com/file/d/1FIZvJF67F5te_ye8V1mZDx_aVtF2k8tc/view?usp=sharing) |
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| *[video](https://youtu.be/wB1F9p8PICE)* | [*Pneumatic Petrous, Bilateral Temporal Hyperpneumatization*](https://drive.google.com/file/d/1lbewP5eC703bxcRw0VZV2W1x4OY9oStV/view?usp=sharing) |
| *[video](https://youtu.be/Z2D0HCZgDqY)* | [*Congenital Bilateral Thenar Hypoplasia*](https://drive.google.com/file/d/1UVKs2UyHbSpiwbEqWugkA881FUIot06M/view?usp=sharing) |
| *[video](https://youtu.be/pftu_ZNUy9w)* | [*Ulnar Dimelia, Mirror hand Deformity*](https://drive.google.com/file/d/15EJ_xT13PAwDhw3GEypnt0gqBzvzvVug/view?usp=sharing) |
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| *[video](https://youtu.be/72J4c7Gof-g)* | [*Surgical Restoration of a Smile by Grafting a Segment of the Gracilis Muscle to the Face*](https://drive.google.com/file/d/14AZMJJjeaVTdPn3wxPn7e2XqlRGdOPzq/view?usp=drive_link) |
| *[video](https://youtu.be/Dn4vEpJYaSg)* | [*Mandible Reconstruction Using Free Fibula Flap*](https://drive.google.com/file/d/1Nv2YLBSc5TC7VFXBUVp9KAga4eUQmqfg/view?usp=sharing) |
| *[video](https://youtu.be/wLhKIBIb3gA)* | [*Presacral Schwannoma*](https://drive.google.com/file/d/1EzZ10x4KR3ep0Xp4Ldq1f2u9u8SECNP9/view?usp=sharing) |
| *[video](https://youtu.be/-q9DZFaKwF8)* | *[Liver Hemangioma: Urgent Surgery of Giant Liver Hemangioma](https://drive.google.com/file/d/1ui0t-Ao-st4GeijhyaXc1Hjbj9uYaaKy/view?usp=sharing)*  *[Due to Intra-Tumor Bleeding](https://drive.google.com/file/d/1ui0t-Ao-st4GeijhyaXc1Hjbj9uYaaKy/view?usp=sharing)* |
| *[video](https://youtu.be/MQShaLlN-Y0)* | [*Free Para Scapular Flap (FPSF) for Skin Reconstruction*](https://drive.google.com/file/d/1Z1hkl2E6N95ld1tXIYaTfvL6lw4mqQ1P/view?usp=sharing) |
| *[video](https://youtu.be/4dC-2vNDGpI)* | [*Claw Hand Deformity (Brand Operation*](https://youtu.be/4dC-2vNDGpI)*)* |
| *[video](https://youtu.be/fDjXCSHGuvA)* | [*Algodystrophy Syndrome Complicated by Constricting Ring at the Proximal Border of the Edema*](https://drive.google.com/file/d/1D-h2Ck-VdsJyA5dukbliwXwOh_-t2HUz/view?usp=sharing) |
| *[video](https://youtu.be/OKv1iogYIMA)* | [*Non- Traumatic Non- Embolic Acute Thrombosis of Radial Artery (Buerger’s Disease)*](https://drive.google.com/file/d/1ZaKpD0XVdQxY6FR44PyBeFfv_RKzXj_x/view?usp=sharing) |
| *[video](https://youtu.be/2hJw4jKCyfg)* | [*Isolated Axillary Tuberculosis Lymphadenitis*](https://drive.google.com/file/d/1aC9W8XO6UNHljyS3iAwlP2fiuH85D3Lr/view?usp=sharing) |
| *[video](https://youtu.be/rKabisSM5MQ)* | [*The Iliopsoas Tendonitis... The Snapping Hip*](https://drive.google.com/file/d/1NUslspZfeaO5W4Hu2bJPNjq7syQlgQ2t/view?usp=drive_link) |
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| *[video](https://drive.google.com/file/d/1dOsuna7dES5isqemZgkfpJH_HIyLsiAs/view?usp=sharing)* | [*The Delirium of the Economy*](https://drive.google.com/file/d/1OtDMBt439gOf12SFE73W0Re09ldEuU9U/view?usp=drive_link) |
| *[video](https://drive.google.com/file/d/1yo1yDuNxdD7i_Edi9CnaCUjmp0_A85fM/view?usp=drive_link)* | [*Ovaries in a Secure Corner… Testicles in a Humble Sac: An Inquiry into the Function of Form*](https://drive.google.com/file/d/1DeALuwHlQ_kThaVk--W_P04b9MksjiWD/view?usp=drive_link) |
| *[video](https://drive.google.com/file/d/17HUzsFJW5-QTSNdM-KrrMb3VDi9erYyp/view?usp=sharing)* | [*Eve Preserves Humanity’s Blueprint; Adam Drives Its Evolution*](https://drive.google.com/file/d/19kB5tQ9UIeaen29iyOZwZlgqG0r3IynI/view?usp=drive_link) |
| *[video](https://drive.google.com/file/d/12YScshcpae9YBjaAi7oUNcdmo2_5sF9Y/view?usp=drive_link)* | [*The Manufacture of the Unconscious*](https://drive.google.com/file/d/1kY2pZy29WtshDAeEWaNMPUsgf9fn5BLd/view?usp=drive_link) |
| *[video](https://drive.google.com/file/d/1eh3cIHbdYroa41l6QL97p5XkxNXDb_v2/view?usp=drive_link)* | [*The Ballad of Eternity*](https://drive.google.com/file/d/1lxy2GY5DxBkuPwSJuCle-icNquuxL_Dl/view?usp=drive_link) |
| *[video](https://drive.google.com/file/d/1HjEt9lSlN3bpREyrDhbWeMSL0EVkSdYP/view?usp=drive_link)* | [*Two Truths Woman Would Never Accept*](https://drive.google.com/file/d/1E4ZMhe9TZZZm8DVASFI54bQUjbwYQWhc/view?usp=drive_link) |

*4/7/2019*