



ETHIQUIZ OF APSICON 94

A Quiz was conducted on the theme of the History of Plastic Surgery during the Annual Conference of the Association of Plastic Surgeons of India at Lonavala in September 1994. This was sponsored by ETHICON, Division of Johnson & Johnson Ltd. In response to the numerous requests from the delegates, the question and answers of this Quiz have been incorporated in this issue.

The Quiz was compiled by Dr. Neeta Kulkarni Patel, Bombay.

- Q 1 Who described the first successful use of a split thickness skin graft in the healing of granulating wounds?
- Q 2 Who was the first surgeon to implant a duck's sternum for a sunken nose?
- Q 3 When was the Sushruta Samhita first translated into English and who translated it?
- Q 4 Who described the use of a straight needle with a figure of eight suture in the repair of cleft lip?
- Q 5 To whom does the credit for studying the process of take of a split thickness skin graft go?
- Q 6 Who is credited with the writing of the Edwin Smith Papyrus?
- Q 7 Name the Indian surgeon from Junagadh who reconstructed over 300 noses mutilated by the local outlaw Kadu Makrani?
- Q 8 In which year did Millard first publish the rotation-advancement method for the repair of unilateral cleft lip deformity?
- Q 9 Name the surgeon who published the first paper on intranasal approach for rhinoplasty?
- Q 10 Name the two pioneers who introduced immunology into the field of plastic surgery with their work on allograft rejection?
- Q 11 Which are the two centres in UK where Gilles established his plastic surgical units?
- Q 12 Who is named as the father of modern cleft surgery? Name any one of his contributions?
- Q 13 Who wrote the classic treatise "Infections of the Hand"?
- Q 14 Name the person who first described the geometric principles of Z plasty?
- Q 15 When was the first silicone expander used? Who used it?
- Q 16 Name the person who first described the use of full thickness skin graft for the reconstruction of lower lid?
- Q 17 To which of the four Vedas is the Sushruta Samhita closely associated with?
- Q 18 Name the person who described the "square flap" for the repair of cleft lip?
- Q 19 Who recorded the first operation describing the repair of the ear lobe?
- Q 20 Who described the SEPA flap, and in which year was it described?
- Q 21 Who devised the first tube-pedicle flap and what did he practise as?
- Q 22 Which part of Russia did Ilizarov hail from?
- Q 23 The effects of transection of peripheral nerve was first studied way back in 200 AD. Name the person responsible for it?
- Q 24 What was the implant used for the earliest penile prosthesis? Why did it fail?
- Q 25 In the year 1961 Johnson reported the use of dermal grafts in cases of leprosy. Name the site where these grafts were used?
- Q 26 Name the person who first described the lip switch flap from the lower lip to the upper lip?
- Q 27 The LeFort-1 fracture was described 14 years before LeFort put forth his conclusions of his experiments. Name the person who described it?

- Q 28 Name the only plastic surgeon after whom a plant is named?
- Q 29 Name the person responsible for the introduction of the laser with therapeutic applications?
- Q 30 Name the person who first described the role of SMAS in the operation of rhytidectomy?
- Q 31 In which part of the Indian subcontinent did Sushruta teach surgery?
- Q 32 What was Poland's qualification when the syndrome named after him was first described?
- Q 33 Name the person who described the first use of pharyngeal flap for improvement of speech in cases of cleft palate?
- Q 34 Who first conceived the concept of relaxed skin tension lines (RSTL)?
- Q 35 Name the pioneer responsible for the birth of the science of "scarless surgery" i.e. dermabrasion?
- Q 36 Which is the oldest man-made material to be used in alloplastic implant?
- Q 37 Independently, two researchers reported similar accounts of tingling sensation perceived by patients at increasingly distal points along the trunk of a regenerating nerve. Tinel was one of them, who was the other?
- Q 38 Who first started the closed plaster treatment after incising the wound to ensure drainage?
- Q 39 Name the person who first harvested free bone graft from the tibia and used it for the correction of a nasal deformity?
- Q 40 Gatewood described the first thenar flap. What was his first name?
- Q 41 Name the person credited with the advent of the first palatal obturator, the first prosthetic nose made from silver and prosthetic leather ears?
- Q 42 Who described the first expandable tissue expander? Where was it used?
- Q 43 When and who first used the operating microscope for reconstructive surgery?
- Q 44 In which year was Liposuction first introduced and who is credited with the same?
- Q 45 Name the great builder who described the first osteocutaneous flap for the reconstruction of the mandible, wrote over 4 books in plastic surgery, has more than 98 original articles to his credit and was responsible for the conception of the journal "Surgery Gynaecology and Obstetrics."?
- Q 46 In 1879 a six and a half year old girl presented with buphthalmos, left sided focal seizures and portwine mark on the right side of the nose. She was predicted to have intracranial haemangioma. Name the syndrome and the person who predicted this?
- Q 47 Name any one of the three pioneers credited with the therapeutic use of CO₂ laser?
- Q 48 Who used the term "plastic" for the first time? What does it actually mean?
- Q 49 Who conceived the idea of myocutaneous flaps and in which year was it conceived?
- Q 50 Heliodorus and Antilius, Greek surgeons who lived during the 1st century AD are said to have been the first to mention the treatment for hypospadias. Mention the treatment in brief.

ANSWERS

- A 1 Jacques Reverdin.
Reference : Joseph McCarthy, Plastic Surgery. Vol. I, p. 8
- A 2 Robert F Weir
Reference: On restoring sunken noses without scarring the face: Reprinted from *New York Med. J.* 56. 443, 1892. Frank MacDowell. Source book of Plastic Surgery. 136-137
- A 3 1907, Bhisagratna.
Reference : Frank MacDowell. Source Book of Plastic Surgery, Section 2, Origins of Rhinoplasty: 72
- A 4 Ambriose Pare.
Reference : Frank MacDowell. Source Book of Plastic Surgery Johnson Translation of Pare's Works, Sec. III, Origin of Cleft Lip Repair, p. 189
- A 5 Carl Thiersch.
Reference : Frank MacDowell, Source Book of Plastic Surgery, Sec.1 Origins of Skin Grafting P. 21-24
- A 6 Imhotep
Reference : Frank MacDowell, Source Book of Plastic Surgery, Translation with Commentary of the Edwin Smith Surgical Papyrus. Chicago Press. Chicago 1930 Sec. 2, Origins of Rhinoplasty, p.63 Fig.3

- A 7 Tribhuvandas Motichand Shah
Reference : A Short Description of 100 Cases - published by Junagadh Sarkari Press, 1889. **Frank MacDowell**. Source Book of Plastic Surgery, Sec.2, Origins of Rhinoplasty, 121-128
- A 8 Presented in 1955 and published in 1957.
Reference : **Joseph McCarthy**, Plastic Surgery Vol. 4, p. 2632
- A 9 John Roe, 1887
Reference : **Frank MacDowell**, Source Book of Plastic Surgery Sec 2, Origins of Rhinoplasty p. 118
- A 10 Gibson and Medawar, 1943
Reference : **Joseph McCarthy** Plastic Surgery Vol. 1, p. 19
- A 11 Queen Mary Hospital, Sidcup, Kent and Aldershot Military Hospital
Reference : **Joseph McCarthy** Plastic Surgery Vol. 1, p. 8
- A 12 Victor Veau
 Classification of Cleft of the Lip and Palate, Method of repairing cleft palate by raising mucoperiosteal flaps.
Reference : **Joseph McCarthy** Plastic Surgery Vol. 1, p. 14
- A 13 Kanavel
Reference : **Kanavel**. Infections of the Hand: A B Philadelphia. Lea and Febiger 1925
- A 14 Limberg in 1929
Reference : **Joseph McCarthy** Plastic Surgery Vol. 1, p. 56
- A 15 Austad 1975
Reference : **Joseph McCarthy** Plastic Surgery Vol. 1, p. 475-476
- A 16 John Wolfe
Reference : **John Wolfe**. A new method of performing plastic operations. Reprinted from Brit J Med 2: 360 1875. **Frank MacDowell** Source Book of Plastic Surgery p. 28-31.
- A 17 Atharvaveda
Reference : Atharvaveda from Sushruta Samhita C. 600 BC **Frank MacDowell**. Source Book of Plastic Surgery Sec II Origins of Rhinoplasty p. 68
- A 18 Werner Hagedorn
Reference : Operation for Hare Lip with Zig Zag Suture. Centralbl. f. chirurgie 19: 281:1892 **Frank MacDowell**. Source Book of Plastic Surgery Sec III Origins of cleft lip repair p. 238
- A 19 Sushruta
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- A 20 A D Dias, 1984
Reference : **George C Cormack**, **George H Lamberty**. Arterial anatomy of skin flaps p. 375
- A 21 Vladimir Filatov (1916), Ophthalmologist
Reference : **Filatov V P**. Plastika na Kruglom Stebl. Vestnik Ophthal 4-5: 149-1917. **Frank MacDowell**. Source Book of Plastic Surgery, Sec VIII Various Subjects p. 417-418
- A 22 Kurgin, Siberia
Reference : New Principles of osteosynthesis by means of crossing pins and rings. Collection of scientific publications. Kurgin 1954
- A 23 Galen
Reference : **Joseph McCarthy** Plastic Surgery Vol. 1, p. 630
- A 24 Rib. Graft. It failed because the rib was re-absorbed.
Reference : **Joseph McCarthy** Plastic Surgery Vol. 6, p. 4720
- A 25 Thenar muscles
Reference : **Joseph McCarthy**, Plastic Surgery Vol. 1, p. 509
- A 26 Sabatini 1838
Reference : **Frank MacDowell**. Source Book of Plastic Surgery Sec V Cross Lip Flaps
- A 27 Guerin, 1866
Reference : Facial Fractures. **Frank MacDowell** Source Book of Plastic Surgery, Sec 7, p. 362-375
- A 28 Dieffenbach - (Dieffenbachia)
Reference : Some of the Great Builders. **Frank MacDowell**. Source Book of Plastic Surgery Sec 9, p. 450
- A 29 Maimann 1960
Reference : **Joseph McCarthy** Plastic Surgery, Vol. 5, p. 3663
- A 30 Mitz and Pyronie (1976)
Reference : **Joseph McCarthy** Plastic Surgery Vol 3, p. 2360
- A 31 Varanasi
Reference : **Frank MacDowell** Source Book of Plastic Surgery Sec 2, Origin of Rhinoplasty p. 68
- A 32 Poland (1841) was still a medical student at Guy's Hospital, London
Reference : **Joseph McCarthy** Plastic Surgery Vol. 6, p. 3479
- A 33 Karl Schoenborn
Reference : Biographical Sketch and Commentary by **Dr Rudolph Stellmach**. **Frank MacDowell** Source Book of Plastic Surgery Sec 4, Origin of Cleft Palate and Repair p. 316-317
- A 34 A F Borges
Reference : **Borges A F**, **Alexander J E**, RSTL, Z Plasties on Scar and Fusiform Excision. Brit J of Plast Surg 1962; 15:242
- A 35 Kromayer 1905
Reference : **Kromayer E** The Cosmetic Treatment of

- Skin Complaints (English Translation of 11nd German Edition of 1929, New York, Oxford University Press 1930) p. 9
- A 36 Ceramics
Reference : Joseph McCarthy Surgery Vol 1, p. 714
- A 37 Hoffmann
Reference : Joseph McCarthy Plastic Surgery Vol. 1, p. 631
- A 38 Winett Orr
Reference : Joseph McCarthy. Plastic Surgery Vol 6, p. 4029
- A 39 James Israel
Reference : James Israel, Lecture presented with illustrations before the Free Society of Surgeons of Berlin. Translated by Frank MacDowell. Source Book of Plastic Surgery Sec 2, Origins of Rhinoplasty 151-152
- A 40 He did not have a first name
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- A 41 Ambriose Pare
Reference : Gibson T. Prosthesis of Ambriose Pare Brit J of Plast Surg 1955;8:3
- A 42 Neumann, 1957.
Reference : Right ear for partial ear reconstruction. Joseph McCarthy Plastic Surgery Vol. 1, p. 475
- A 43 1921. Nylen from Sweden
Reference : Joseph McCarthy, Plastic Surgery Vol. 1, p. 412
- A 44 Illouz (1977)
Reference : Joseph McCarthy Plastic Surgery Vol. 6, p. 3930
- A 45 Vilray Bapin Blair.
Reference : Frank MacDowell, Source Book of Plastic Surgery Sec 9, Some Great Builders p. 475-504
- A 46 Sturge-Weber syndrome, Sturge
Reference : Joseph McCarthy Plastic Surgery Vol. 5, p. 3230
- A 47 Kaplan, Garand, Sharonn (1973)
Reference : Joseph McCarthy, Plastic Surgery Vol. 5, p. 3663
- A 48 Carl. Ferdinand Von Grafe. The term means "fit for moulding"
Reference : Joseph McCarthy Plastic Surgery Vol. 1, p. 1
- A 49 Owens (1955)
Reference : Joseph McCarthy Plastic Surgery Vol. 1, p. 299
- A 50 Amputation of the penis distal to the meatus; the tip of the stump was formed into the shape of a glans with a glowing cautery
Reference : John Marquis Converse. Reconstructive Plastic Surgery Vol. 1, p. 3846

WINNERS OF THE QUIZ

- 1 Dr Sanjay Sharma, Baroda
- 2 Dr Hiren Desai, Baroda
- 3 Dr Shrirang Purohit, Bombay