



Volume Contents

| | |
|--|----|
| A morbidity review of children with complete unilateral cleft lip nose at 10 ± 1 years of age K. K. Tan and R. W. Pigott..... | 1 |
| A panel based assessment of early versus no nasal correction of the cleft lip nose P. D. Cussons, M. S. C. Murison, A. E. L. Fernandez and R. W. Pigott..... | 7 |
| A computer-aided method of measuring nasal symmetry in the cleft lip nose B. A. Coghlan, J. K. G. Laitung and R. W. Pigott..... | 13 |
| A comparison of computer versus panel assessment of two groups of patients with cleft lip and palate J. K. G. Laitung, B. A. Coghlan and R. W. Pigott..... | 18 |
| The pursuit of function and cosmesis in managing oral cancer I. A. McGregor..... | 22 |
| Reconstruction of the cervical trachea with a free forearm flap A. Yamada, K. Harii, Y. Itoh, T. Kikawada and H. Miyashita..... | 32 |
| Orbital neurofibromatosis with enophthalmos K. Fukuta and I. T. Jackson..... | 36 |
| Progressive hemifacial atrophy (Romberg's disease): skeletal involvement and treatment M. H. Moore, K. S. Wong, T. W. Proudman and D. J. David..... | 39 |
| Secondary vascularised hair-bearing island flaps for eyebrow reconstruction H. Hyakusoku..... | 45 |
| Neovascularisation precedes neural changes in the rat groin skin flap following denervation: an immunohistochemical study S. Manek, G. Terenghi, C. Shurey, H. Nishikawa, C. J. Green and J. M. Polak..... | 48 |
| An experimental study of delay of flow-through venous flaps K. Ueda, T. Harada, S. Nagasaka, S. Oba, T. Inoue and T. Harashina..... | 56 |
| The arterialised venous flap: experimental studies and a clinical case Y. Inada, A. Fukui, S. Tamai and S. Mizumoto..... | 61 |
| The pedicled venous flap. Clinical applications A. Fukui, M. Maeda, S. Tamai and Y. Inada..... | 68 |
| Cutaneous melanoma: pathological certainties and uncertainties J. C. Briggs and H. S. Rigby..... | 72 |
| Pain-temperature relation in the application of local anaesthesia P. E. Alonso, L. A. Perula and L. F. Rioja..... | 76 |
| Comparing DuoDERM E^R with scarlet red in the treatment of split skin graft donor sites S. T. Tan, R. H. Roberts and G. B. Blake..... | 79 |
| A comparison of Zenoderm^R with DuoDERM E^R in the treatment of split skin graft donor sites S. T. Tan, R. H. Roberts and S. W. Sinclair..... | 82 |
| Case Report | |
| Chondrosarcoma following free fibula transfer for non-union of the tibia F. W. Kimble and D. Govender..... | 85 |
| Letters to the Editor | 87 |

| | |
|---|-----|
| Book Reviews | 89 |
| Notices | 90 |
| Extravasation injuries | |
| D. T. Gault | 91 |
| A new design of the cross-finger flap: the C-ring flap | |
| M. Mutaf, Ö. Şensöz and E. T. Üstüner | 97 |
| Introduction of loop sutures in microsurgical telescoping anastomosis | |
| S. Saitoh and Y. Nakatsuchi | 105 |
| Healing of microvenous PTFE prostheses implanted into the rat femoral vein | |
| B. van der Lei, F. Dijk, H. L. Bartels, W. L. Jongbloed and P. H. Robinson | 110 |
| The pedicled venous flap. An experimental study | |
| A. Fukui, S. Tamai, M. Maeda, Y. Inada, Y. Mii and T. Mine..... | 116 |
| Prefabricated venous flaps: an experimental study in rabbits | |
| T. Takato, Y. Komuro, H. Yonehara and R. M. Zuker..... | 122 |
| Non-radioactive coloured microsphere measurement of regional tissue blood flow for axial pattern flaps in rabbits | |
| Y. Inada, S. Tamai, S. Mizumoto, H. Ono, K. Kawanishi and A. Fukui | 127 |
| A comparison of newborn versus old skin fibroblasts, their potential for tissue repair | |
| Y. Horiuchi and T. J. Ryan | 132 |
| Role and innocuity of Tisseel[®], a tissue glue, in the grafting process and <i>in vivo</i> evolution of human cultured epidermis | |
| F. A. Auger, R. Guignard, C. A. Lopez Valle and L. Germain | 136 |
| Classic Reprint | |
| Epiphora in facial paralysis | |
| C. R. McLaughlin..... | 143 |
| Epiphora in facial paralysis | |
| J. R. O. Collin | 149 |
| The supramalleolar flap based on septocutaneous perforators from the peroneal vessels for intraoral soft tissue replacement | |
| K.-D. Wolff..... | 151 |
| Perineural infiltration in basal cell carcinomas | |
| Z. B. M. Niazi and B. G. H. Lamberty..... | 156 |
| Non-medical implications of malignant melanoma | |
| D. Wilson and J. Evans..... | 158 |
| Anatomical investigations of the cutaneous branches of the circumflex scapular artery and their communications | |
| M. Ohsaki and Y. Maruyama..... | 160 |
| T flap hypospadias repair in circumcised patients | |
| R. L. Bang, M. K. H. Ebrahim and A. R. A. Lari | 164 |
| Use of the inferiorly based rectus abdominis flap for inguinal and perineal coverage – low venous pressure zone concept | |
| T. Vergote, M. Revol, J. M. Servant and P. Banzet..... | 168 |
| Ideas and Innovations | |
| A simple device for nasal tube fixation in facial burns patients | |
| S.-Y. Horng, T.-W. Lin and M.-T. Chen..... | 173 |
| Letters to the Editors | 175 |
| Book Reviews | 177 |
| Notices | 178 |

Errata

| | |
|--|-----|
| A Computer-aided method of measuring nasal symmetry in the cleft lip nose. B. A. Coghlan, J. K. G. Laitung and R. W. Pigott 46 , 13. A comparison of computer versus panel assessment of two groups of patients with cleft lip and palate. J. K. G. Laitung, B. A. Coghlan and R. W. Pigott 46 , 18..... | 179 |
| Microsurgical reconstruction of distal digits following mutilating hand injuries: results in 121 patients F. C. Wei, M. D. Epstein, H. C. Chen, C. C. Chuang and H. T. Chen | 181 |
| Fingertip replantation with an efferent A–V anastomosis for venous drainage: clinical reports Y. Suzuki, K. Ishikawa, N. Isshiki and S. Takami | 187 |
| Hand splintage following surgery for dystrophic epidermolysis bullosa F. L. H. Mullett and P. J. Smith | 192 |
| Aesthetic treatment of Romberg’s disease: experience with 35 cases F. Iñigo, P. Rojo and A. Ysunza | 194 |
| Midface advancement by gradual distraction A. Rachmiel, Z. Potparic, I. T. Jackson, T. Sugihara, L. Clayman, J. S. Topf and R. A. Forté..... | 201 |
| Fractures of the frontal sinus: a rationale of treatment Ch. Ioannides, H. P. Freihofer and J. Friens | 208 |
| A preliminary report on one stage open tip rhinoplasty at the time of lip repair in bilateral cleft lip and palate: the Alor Setar experience J. A. Trott and N. Mohan..... | 215 |
| Prefabricated flaps for the head and neck: a preliminary report H. Costa, C. Cunha, I. Guimarães, S. Comba, A. Malta and A. Lopes..... | 223 |
| The effect of backing materials on keratinocyte autograft take N. Carver, H. A. Navsaria, C. J. Green and I. M. Leigh | 228 |
| Variable rejection patterns of cultured keratinocyte allografts in the rabbit A. F. Breidahl, R. T. Judson, L. J. Dumble and G. J. A. Clunie | 235 |
| The Misti Gold bio-oncotic gel filled breast prosthesis: an acceptable alternative to silicone? J. H. E. Laing and R. Sanders | 240 |
| The management of skin infarction after meningococcal septicaemia in children D. A. Hudson, E. A. Goddard and K. N. Millar..... | 243 |
| Clinical experience with the PLDL-1 (Pigmented Lesion Dye Laser) in the treatment of pigmented birthmarks: a preliminary report J. H. Scheepers and A. A. Quaba | 247 |
| A new cutaneous flap: snuff-box flap T. Inoue, K. Ueda, T. Kurihara, T. Harada and T. Harashina | 252 |
| Excision of benign pigmented skin tumours by deep shaving J. M. Porter and J. Treasure..... | 255 |
| The role of the clinical trial in the evaluation of cleft surgery R. P. Cole..... | 258 |
| Case Reports | |
| Wire sutures: an aid to locating nerves P. A. Eadie and K. C. Condon..... | 263 |
| Sebaceous naevus of Jadassohn and primary mediastinal lipomatosis E. Taboada, E. Moledo, A. Alvarez and M. Comellas..... | 264 |
| Recurrence of intraoral squamous cell carcinoma at the base of nasolabial flaps used for intraoral reconstruction: a report of two cases J. R. C. Telfer, L. C. Bainbridge and D. S. Soutar | 266 |
| Letters to the Editor | 268 |
| Book Reviews | 269 |

| | |
|--|-----|
| Notices..... | 271 |
| Viability and quantitative dermofluorometry of experimental arterialised and non-arterialised venous flaps Y. Suzuki, N. Isshiki, K. Ishikawa and H. Koyama | 273 |
| Flap prefabrication using an exteriorised vascular pedicle in a rabbit ear model F. J. Duffy, J. J. Pribaz, C. A. Hergrueter and P. K. M. Maitz..... | 279 |
| The venous island flap: is it purely venous? H. A. Shalaby and M. A. Saad..... | 285 |
| Amelioration of secondary ischaemic injury by perfusion with University of Wisconsin (UW) solution in rat skin flaps M. F. Angel, K. R. Knight, D. Becker, L. R. Amiss and R. F. Morgan..... | 288 |
| Skin graft storage and keratinocyte viability F. S. Fahmy, H. A. Navsaria, J. D. Frame, C. R. Jones and I. M. Leigh | 292 |
| Effects of ketorolac tromethamine (Toradol[®]) on a functional model of microvascular thrombosis R. C. Buckley, S. F. Davidson and S. K. Das | 296 |
| Reverse W-M plasty in the repair of congenital syndactyly: a new method N. Karacaođlan, H. Velidedeođlu, B. ıeki, N. Bozdođan, . Őahin and Y. Turkgiven | 300 |
| Treatment of chronic recurrent synovial fistulae with myofascial flaps M. A. Mendez-Fernandez | 303 |
| Experience with the adipofascial turn-over flap N. S. Sarhadi and A. A. Quaba | 307 |
| Surgical treatment of contracture and syndactyly of children with epidermolysis bullosa S. I. Vozdvizhensky and V. I. Albanova..... | 314 |
| Foot reconstruction using vascularised fibula N. Rajacic, M. K. H. Ebrahim, S. Grgurinovic and B. Starovic | 317 |
| Honey impregnated gauze versus polyurethane film (OpSite[®]) in the treatment of burns – a prospective randomised study M. Subrahmanyam..... | 322 |
| Subcutaneous instillation of donor sites in burn patients F. O. G. Fraulin and E. E. Tredget..... | 324 |
| Rhinoplasty patients revisited R. Slator | 327 |
| Endoscopic assisted transaxillary augmentation mammoplasty L. C. Y. Ho | 332 |
| Abdominoplasty in paraplegic patients Y. Yamamoto, K. Nohira, Y. Shintomi, T. Ohura, T. Sugihara and H. Igawa..... | 337 |
| A cheap and efficacious intraoperative tissue expander D. J. Dunaway and A. G. B. Perks | 339 |
| Ideas and Innovations | |
| A simple atraumatic method of pedicle delivery during free tissue transfer M. J. L. Scott and S. P. J. Kay..... | 340 |
| Case Report | |
| Sinus obliteration for chronic oro-antral fistula: a case report P. M. Godfrey..... | 341 |
| Letters to the Editor | 343 |
| Book Reviews | 347 |
| Notices..... | 351 |
| Upper airway obstruction in the syndromal craniosynostoses M. H. Moore | 355 |

| | |
|--|-----|
| A preliminary report on open tip rhinoplasty at the time of lip repair in unilateral cleft lip and palate: the Alor Setar experience J. A. Trott and N. Mohan | 363 |
| Refinements in the axial frontonasal flap S. de Fontaine, M. Klaasen and D. S. Soutar | 371 |
| The cervicopectoral rotation flap – a valuable technique for facial reconstruction K. C. Shestak, A. G. Roth, N. F. Jones and E. N. Myers | 375 |
| Observations on experimental flow-through venous flaps E. Lenoble, G. Foucher, M.-C. Voisin, A. Maurel and D. Goutallier | 378 |
| Restoration of basement membrane structure in pigs following keratinocyte autografting N. Carver, H. A. Navsaria, P. Fryer, C. J. Green and I. M. Leigh | 384 |
| A porcine model using skin graft chambers for studies on cultured keratinocytes T. Kangesu, H. A. Navsaria, S. Manek, C. B. Shurey, C. R. Jones, P. R. Fryer, I. M. Leigh and C. J. Green | 393 |
| Kerato-dermal grafts: the importance of dermis for the <i>in vivo</i> growth of cultured keratinocytes T. Kangesu, H. A. Navsaria, S. Manek, P. R. Fryer, I. M. Leigh and C. J. Green | 401 |
| The use of FK506 and skin for the treatment of severe burns in an animal model O. Cetinkale, O. Cizmeci, F. Ayan, C. Senyuva and A. Pusane | 410 |
| Experimental study on growth of epiphysial plate: free graft in rabbits T. Takato, K. Harrii, Y. Komuro and Y. Yonehara | 416 |
| Histologic examination of peripheral nerves elongated by tissue expanders T. Endo and Y. Nakayama | 421 |
| The effect of omental wrapping on nerve graft regeneration M. Chamorro, F. Carceller, C. Llanos, A. Rodríguez-Alvariño, C. Colmenero and M. Burgueño | 426 |
| Classic Reprint: The results of pharyngoplasty by muscle transplantation in “failed cleft palate” cases, with special reference to the influence of the pharynx on voice production W. Hynes | 430 |
| The results of pharyngoplasty by muscle transplantation by Wilfred Hynes R. W. Pigott | 440 |
| A severe case of Beare-Stevenson syndrome and associated congenital deformities J. M. Andrews, D. M. F. S. Martins, R. R. Ramos and L. M. Ferreira | 443 |
| Notices | 447 |
| Blood flow through prefabricated flaps—an experimental study in rabbits H. Ono, S. Tamai, H. Yajima, A. Fukui, Y. Inada and S. Mizumoto | 449 |
| A peri-implant capsule flap M. Heymans, B. Lengele, N. Lahlali and R. Vanwijck | 456 |
| Surface ultrastructure of human dermis and wounds J. C. Moore, A. K. Ray and P. G. Shakespeare | 460 |
| The morbidity of the free vascularised fibula flap B. A. Coghlan and P. L. G. Townsend | 466 |
| The anatomic basis and clinical applications of flaps based on the posterior tibial vessels W.-C. Wu, Y.-P. Chang, Y.-C. So, S.-F. Yip and Y.-L. Lam | 470 |
| A distally based island first dorsal metatarsal artery flap for the coverage of a distal plantar defect S. Sakai | 480 |
| Innervated reverse digital artery flap through bilateral neuroorrhaphy for pulp defects C.-S. Lai, S.-D. Lin, C.-K. Chou and C.-W. Tsai | 483 |
| Neurocutaneous axial island flaps in the forearm: anatomical, experimental and preliminary clinical results J. A. Bertelli | 489 |

| | |
|---|-----|
| Basal encephalocele: imaging and exposing the hernia M. H. Moore, M. L. Lodge and D. J. David | 497 |
| The galea frontalis myofascial flap in anterior fossa CSF leaks H. Costa, A. Cerejo, A. Baptista, R. Vaz, M. Gonçalves, A. Guimarães, J. Amarante, C. Cruz and F. Guimarães | 503 |
| The scapular fasciocutaneous flap: a new flap for reconstruction of the posterior neck K. S. Gopinath, N. Chandrashekar, M. Vijaya Kumar and A. Bhargava | 508 |
| Early postoperative branchytherapy following free flap reconstruction J. I. Panchal, R. W. Agrawal, N. R. McLean and P. J. D. K. Dawes | 511 |
| Early experience with the Lejour vertical scar reduction mammoplasty technique M. A. Pickford and J. G. Boorman | 516 |
| Bupivacaine and kaltostat reduces post-operative donor site pain P. E. M. Butler, P. A. Eadie, D. Lawlor, G. Edwards and M. McHugh | 523 |
| Malignant melanoma excision margins: plastic surgery audit in Britain and Ireland, 1991, and a review M. J. Timmons | 525 |
| Human Orf N. Chahidi, S. de Fontaine and B. Lacotte | 532 |
| Identical unusual subtotal penile amputation in children: a report of four cases R. L. Thatte, M. S. Wagh and N. D. Kulkarni | 535 |
| Pressure developed under pressure garment Y. Sawada | 538 |
| Letters to the Editor | 542 |
| Book Reviews | 544 |
| Notices | 545 |
| The role of the contractile fibroblast in the capsules around tissue expanders and implants D. J. Coleman, D. T. Sharpe, I. L. Naylor, C. L. Chander and S. E. Cross | 547 |
| Repair of mixed peripheral nerves using muscle autografts: a preliminary communication J. S. Calder and R. W. Norris | 557 |
| Mechanical properties of skin graft wounds P. H. Jørgensen, C. Bang and T. T. Andreassen | 565 |
| The functional and structural effects of hypothermic storage on ischaemic arterial grafts K. A. Gray, G. M. Mitchell, C. J. Gurusinghe, R. Romeo, D. M. Crowe, T. V. Olivier and W. A. Morrison | 570 |
| Release of Ofloxacin from silicone gel sheet Y. Sawada, I. Hatayama and K. Sone | 576 |
| The relationship between time of application of prostaglandin E1 and improved flap survival Y. Sawada, I. Hatayama and K. Sone | 580 |
| The use of cerium nitrate-silver sulphadiazine as a topical burns dressing D. A. Ross, A. J. Phipps and J. A. Clarke | 582 |
| A comparative burn wound model in the New Yorkshire pig for the histopathological evaluation of local therapeutic regimens: silver sulfadiazine cream as a standard M. J. Hoekstra, P. Hupkens, R. P. Dutrieux, M. M. C. Bosch, T. A. Brans and R. W. Kreis | 585 |
| Omentum as gliding material after extensive forearm tenolysis K. Ueda, T. Harashina, T. Harada, S. Oba and S. Nagasaka | 590 |
| Pretibial injuries in the elderly: a prospective trial of early mobilisation versus bed rest following surgical treatment P. G. Budny, J. Lavelle, P. J. Regan and A. H. N. Roberts | 594 |
| Mohs Surgery of basal cell carcinoma—a critical review C. M. Lawrence | 599 |

| | |
|---|-----|
| A study of thin (< 1.5 mm) malignant melanomas with poor prognosis K. G. M. Park, K. Blessing, K. M. McLaren and A. C. Watson..... | 607 |
| A preliminary report on a strategy for treatment of male pattern baldness: bilateral vertical flaps plus tissue expansion J. A. Trott..... | 611 |
| Early repair of unilateral cleft lip employing a small triangular flap method and primary nasal correction T. Nakajima and Y. Yoshimura..... | 616 |
| A new technique to anastomose vessels with great discrepancy in diameter Z.-F. Xiu and Y.-G. Song..... | 619 |
| The use of a styrofoam cup in leeching replanted digits M. M. Al-Qattan and R. M. Zuker..... | 621 |
| Compressive plastic splint for postoperative management of the ear T. Yotsuyanagi..... | 622 |
| Xanthogranulomatous Sialadenitis, a benign mimic of malignancy M. Q. Choyce, C. J. H. Padfield and N. S. Mercer..... | 624 |
| Obituary for Professor Dr Paul Wilflingseder | 626 |
| Letters to the Editor | 627 |
| Book Reviews | 629 |
| Notices | 633 |
| Associated injuries in facial fractures: review of 839 patients L. H. Lim, L. K. Lam, M. H. Moore, J. A. Trott and D. J. David..... | 635 |
| Anatomical studies and five years clinical experience with the distally based medial fasciocutaneous flap of the lower leg E. Bowen Jones, K. Cronwright and A. Lalbahadur..... | 639 |
| Double V-Y advancement flaps in the reconstruction of skin defects of the anterior lower limb J. W. Blair, L. C. Bainbridge and S. L. Knight..... | 644 |
| Defining medical ethics C. Ward..... | 647 |
| The deep venous system and reverse flow flaps F. del Pinal and G. I. Taylor..... | 652 |
| Cutaneous blood flow in the free TRAM flap H. P. Tuominen, S. Asko-Seljavaara and N. E. Svartling..... | 665 |
| A study of topical and systemic Prostaglandin E1 and survival of experimental skin flaps Y. Sawada, M. Sugawara, I. Hatayama and K. Sone..... | 670 |
| Epidemiology of facial clefts in the central province of Saudi Arabia A. S. Borkar, A. K. Mathur and S. Mahaluxmivala..... | 673 |
| The modified Z-plasty for unilateral cleft lip repair D. A. Hudson and D. B. Fernandes..... | 676 |
| Do babies require arm splints after cleft palate repair? V. Jigjinni, T. Kangesu and B. C. Sommerlad..... | 681 |
| Mandibular lengthening by gradual distraction: analysis using accurate skull replicas T. Takato, K. Harii, S. Hirabayashi, Y. Komuro, Y. Yonehara and T. Susami..... | 686 |
| Preliminary report: intratumoral ligation as a salvage procedure for the management of life-threatening arteriovenous malformations N. S. B. Tanner and M. A. Pickford..... | 694 |
| Botulinum A chemodenervation: a new modality in cerebral palsied hands S. A. Wall, L. A. Chait, J. A. Temlett, B. Perkins, G. Hillen and P. Becker..... | 703 |
| Postoperative cooling enhances composite graft survival in nasal-alar and fingertip reconstruction Y. Hirase..... | 707 |

| | |
|---|-----|
| Localised varicosities in a 39-year-old tissue transfer to the lower limb J. L. Hoeyberghs and R. N. Matthews | 712 |
| Letters to the Editor | 714 |
| Book Reviews | 716 |
| Notices | 717 |
| Subject index | 719 |
| Author index | 724 |