

# Stanford

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## Vasu Divi

Associate Professor of Otolaryngology - Head and Neck Surgery at the Stanford University Medical Center

Otolaryngology - Head & Neck Surgery Divisions

### CLINICAL OFFICES

- **Otolaryngology Head and Neck Surgery**

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### Bio

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### BIO

Dr. Vasu Divi specializes in the treatment of head and neck cancer, both as a cancer surgeon and a reconstructive surgeon. Dr. Divi has a special interest in high-risk and advanced skin cancers, oral cavity cancers, and osteoradionecrosis of the head and neck. He utilizes advanced 3D-modeling to customize reconstruction of the jaw following surgery for cancer or radiation injuries.

### CLINICAL FOCUS

- Cancer > Head and Neck Cancer
- Head and Neck Surgical Oncology
- Microvascular Reconstruction
- Osteoradionecrosis
- Mandibular Reconstruction
- Skin Cancer
- Otolaryngology

### ACADEMIC APPOINTMENTS

- Associate Professor - Med Center Line, Otolaryngology - Head & Neck Surgery Divisions
- Member, Stanford Cancer Institute

### ADMINISTRATIVE APPOINTMENTS

- Co-chair, High-Risk Non-Melanoma Skin Cancer Working Group, Stanford University, (2013- present)
- Director of Stanford Head and Neck Surgery Fellowship, American Head and Neck Society, (2013- present)

### PROFESSIONAL EDUCATION

- Fellowship: Massachusetts Eye and Ear Infirmary Head and Neck Oncology Fellowship (2010) MA
- Internship: University of Michigan GME Training Verifications (2005) MI

- Medical Education: University of Michigan Medical School (2004) MI
- Board Certification: Otolaryngology, American Board of Otolaryngology (2010)
- Fellowship, Harvard Medical School / Mass Eye and Ear Infirmary , Head & Neck Surgical Oncology, Microvascular Reconstruction, Skull Base Surgery (2010)
- Residency, University of Michigan , Otolaryngology - Head and Neck Surgery (2009)
- M.D., University of Michigan , Medical School (2004)
- B.A., University of Michigan , Economics (1998)

## LINKS

- Head & Neck Reconstruction: <http://med.stanford.edu/ohns/healthcare/headneckcenter/programs/reconstruction-and-rehabilitation.html>
- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

## Research & Scholarship

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### CLINICAL TRIALS

- Panitumumab IRDye800 Optical Imaging Study, Recruiting
- Cetuximab IRDye800 Study as an Optical Imaging Agent to Detect Cancer During Surgical Procedures, Not Recruiting
- Multispectral Imaging to Characterize Patterns of Vascular Supply Within Lymphoepithelial Mucosa in Oropharyngeal Cancer, Not Recruiting

## Publications

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### PUBLICATIONS

- **Association of Time between Surgery and Adjuvant Therapy with Survival in Oral Cavity Cancer.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*  
Chen, M. M., Harris, J. P., Orosco, R. K., Sirjani, D., Hara, W., Divi, V.  
2018; 158 (6): 1051–56
- **Reducing the Time from Surgery to Adjuvant Radiation Therapy: An Institutional Quality Improvement Project.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*  
Divi, V., Chen, M. M., Hara, W., Shah, D., Narvasa, K., Segura Smith, A., Kelley, J., Rosenthal, E. L., Porter, J.  
2018: 194599818768254
- **Association of Survival With Shorter Time to Radiation Therapy After Surgery for US Patients With Head and Neck Cancer** *JAMA OTOLARYNGOLOGY-HEAD & NECK SURGERY*  
Harris, J. P., Chen, M. M., Orosco, R. K., Sirjani, D., Divi, V., Hara, W.  
2018; 144 (4): 349–59
- **Standardized Margin Assessment Is Needed Before Implementing Negative Margin as a Quality Measure-Reply.** *JAMA otolaryngology-- head & neck surgery*  
Schoppy, D. W., Divi, V.  
2018
- **Jaw Opening Decreases Window to the Deep Parotid Lobe.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*  
Lee, Y., Megwalu, U., Melara, E., Divi, V., Fernandes, V. T., Sirjani, D.  
2018: 194599818766317
- **Persistent Postoperative Opioid Use in Older Head and Neck Cancer Patients.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*  
Saraswathula, A., Chen, M. M., Mudumbai, S. C., Whittemore, A. S., Divi, V.  
2018: 194599818778276
- **Safety of panitumumab-IRDye800CW and cetuximab-IRDye800CW for fluorescence-guided surgical navigation in head and neck cancers** *THERANOSTICS*

- Gao, R. W., Teraphongphom, N., de Boer, E., van den Berg, N. S., Divi, V., Kaplan, M. J., Oberhelman, N. J., Hong, S. S., Capes, E., Colevas, A., Warram, J. M., Rosenthal, E. L.  
2018; 8 (9): 2488–95
- **Surrogate for oropharyngeal cancer HPV status in cancer database studies** *HEAD AND NECK-JOURNAL FOR THE SCIENCES AND SPECIALTIES OF THE HEAD AND NECK*  
Megwalu, U. C., Chen, M. M., Ma, Y., Divi, V.  
2017; 39 (12): 2494–2500
  - **Measuring Institutional Quality in Head and Neck Surgery Using Hospital-Level Data Negative Margin Rates and Neck Dissection Yield**  
Schoppy, D., Rhoads, K. F., Ma, Y., Chen, M. M., Nussenbaum, B., Orosco, R. K., Rosenthal, E. L., Divi, V.  
AMER MEDICAL ASSOC.2017: 1111–16
  - **Quality Measures in Breast Reconstruction: A Systematic Review.** *Annals of plastic surgery*  
Nazerali, R. N., Finnegan, M. A., Divi, V., Lee, G. K., Kamal, R. N.  
2017
  - **Node-positive cutaneous squamous cell carcinoma of the head and neck: Survival, high-risk features, and adjuvant chemoradiotherapy outcomes.** *Head & neck*  
Amoils, M., Lee, C. S., Sunwoo, J., Aasi, S. Z., Hara, W., Kim, J., Sirjani, D., Colevas, A. D., Chang, A. L., Divi, V.  
2017
  - **Association of Postoperative Radiotherapy With Survival in Patients With N1 Oral Cavity and Oropharyngeal Squamous Cell Carcinoma** *JAMA OTOLARYNGOLOGY-HEAD & NECK SURGERY*  
Chen, M. M., Harris, J. P., Hara, W., Sirjani, D., Divi, V.  
2016; 142 (12): 1224-1230
  - **Lymph Node Count From Neck Dissection Predicts Mortality in Head and Neck Cancer** *JOURNAL OF CLINICAL ONCOLOGY*  
Divi, V., Chen, M. M., Nussenbaum, B., Rhoads, K. F., Sirjani, D. B., Holsinger, F. C., Shah, J. L., Hara, W.  
2016; 34 (32): 3892-?
  - **Contemporary mandibular reconstruction.** *Current opinion in otolaryngology & head and neck surgery*  
Divi, V., Schoppy, D. W., Williams, R. A., Sirjani, D. B.  
2016; 24 (5): 433-439
  - **Geographic variation in Medicare treatment costs and outcomes for advanced head and neck cancer** *ORAL ONCOLOGY*  
Divi, V., Tao, L., Whittemore, A., Oakley-Girvan, I.  
2016; 61: 83-88
  - **Establishing quality indicators for neck dissection: Correlating the number of lymph nodes with oncologic outcomes (NRG Oncology RTOG 9501 and RTOG 0234).** *Cancer*  
Divi, V., Harris, J., Harari, P. M., Cooper, J. S., McHugh, J., Bell, D., Sturgis, E. M., Cmelak, A. J., Suntharalingam, M., Raben, D., Kim, H., Spencer, S. A., Laramore, et al  
2016
  - **Third party assessment of resection margin status in head and neck cancer.** *Oral oncology*  
Ransohoff, A., Wood, D., Solomon Henry, A., Divi, V., Colevas, A.  
2016; 57: 27-31
  - **Third party assessment of resection margin status in head and neck cancer** *ORAL ONCOLOGY*  
Ransohoff, A., Wood, D., Henry, A. S., Divi, V., Colevas, A.  
2016; 57: 27-31
  - **Consultation via telemedicine and access to operative care for patients with head and neck cancer in a Veterans Health Administration population** *HEAD AND NECK-JOURNAL FOR THE SCIENCES AND SPECIALTIES OF THE HEAD AND NECK*  
Beswick, D. M., Vashi, A., Song, Y., Pham, R., Holsinger, F. C., Rayl, J. D., Walker, B., Chardos, J., Yuan, A., Benadam-Lenrow, E., Davis, D., Sung, C. K., Divi, et al  
2016; 38 (6): 925-929
  - **Number of positive nodes is superior to the lymph node ratio and American Joint Committee on Cancer N staging for the prognosis of surgically treated head and neck squamous cell carcinomas** *CANCER*

- Roberts, T. J., Colevas, A. D., Hara, W., Holsinger, F. C., Oakley-Girvan, I., Divi, V.  
2016; 122 (9): 1388-1397
- **Use of Pedicled Nasoseptal Flap for Pathologic Oroantral Fistula Closure** *JOURNAL OF ORAL AND MAXILLOFACIAL SURGERY*  
Noel, J. E., Teo, N. W., Divi, V., Nayak, J. V.  
2016; 74 (4)
  - **Regional variation in head and neck cancer mortality: Role of patient and hospital characteristics** *HEAD AND NECK-JOURNAL FOR THE SCIENCES AND SPECIALTIES OF THE HEAD AND NECK*  
Divi, V., Ma, Y., Rhoads, K. F.  
2016; 38: E1896-E1902
  - **Use of Pedicled Nasoseptal Flap for Pathologic Oroantral Fistula Closure.** *Journal of oral and maxillofacial surgery*  
Noel, J. E., Teo, N. W., Divi, V., Nayak, J. V.  
2016; 74 (4): 704 e1-6
  - **A prospective study of electronic quality of life assessment using tablet devices during and after treatment of head and neck cancers.** *Oral oncology*  
Pollom, E. L., Wang, E., Bui, T. T., Ognibene, G., von Eyben, R., Divi, V., Sunwoo, J., Kaplan, M., Dimitri Colevas, A., Le, Q., Hara, W. Y.  
2015; 51 (12): 1132-1137
  - **Anterolateral approach to the upper cervical spine: Case report and operative technique** *HEAD AND NECK-JOURNAL FOR THE SCIENCES AND SPECIALTIES OF THE HEAD AND NECK*  
Song, Y., Tharin, S., Divi, V., Prolo, L. M., Sirjani, D. B.  
2015; 37 (9): E115-E119
  - **CD271 is a functional and targetable marker of tumor-initiating cells in head and neck squamous cell carcinoma.** *Oncotarget*  
Murillo-Sauca, O., Chung, M. K., Shin, J. H., Karamboulas, C., Kwok, S., Jung, Y. H., Oakley, R., Tysome, J. R., Farnebo, L. O., Kaplan, M. J., Sirjani, D., Divi, V., Holsinger, et al  
2014; 5 (16): 6854-6866
  - **EVALUATION OF CD44 VARIANT EXPRESSION IN ORAL, HEAD AND NECK SQUAMOUS CELL CARCINOMAS USING A TRIPLE APPROACH AND ITS CLINICAL SIGNIFICANCE** *INTERNATIONAL JOURNAL OF IMMUNOPATHOLOGY AND PHARMACOLOGY*  
Athanassiou-Papaefthymiou, M., Shkeir, O., Kim, D., Divi, V., MATOSSIAN, M., Owen, J. H., CZERWINSKI, M. J., PAPAGERAKIS, P., McHugh, J., Bradford, C. R., Carey, T. E., Wolf, G. T., Prince, et al  
2014; 27 (3): 337-349
  - **Characterization of tumorigenic cell lines from the recurrence and lymph node metastasis of a human salivary mucoepidermoid carcinoma** *ORAL ONCOLOGY*  
Warner, K. A., Adams, A., Bernardi, L., Nor, C., Finkel, K. A., Zhang, Z., McLean, S. A., Helman, J., Wolf, G. T., Divi, V., Queimado, L., Kaye, F. J., Castilho, et al  
2013; 49 (11): 1059-1066
  - **Transoral robotic biopsy of the tongue base: A novel paradigm in the evaluation of unknown primary tumors of the head and neck** *HEAD AND NECK-JOURNAL FOR THE SCIENCES AND SPECIALTIES OF THE HEAD AND NECK*  
Abuzeid, W. M., Bradford, C. R., Divi, V.  
2013; 35 (4): E126-E130
  - **Diagnostic modalities for distant metastasis in head and neck squamous cell carcinoma: Are we changing life expectancy?** *LARYNGOSCOPE*  
Spector, M. E., Chinn, S. B., Rosko, A. J., Worden, F. P., Ward, P. D., Divi, V., McLean, S. A., Moyer, J. S., Prince, M. E., Wolf, G. T., Chepeha, D. B., Bradford, C. R.  
2012; 122 (7): 1507-1511
  - **Re-animation and rehabilitation of the paralyzed face in head and neck cancer patients** *CLINICAL ANATOMY*  
Divi, V., Deschler, D. G.  
2012; 25 (1): 99-107
  - **Primary TEP Placement in Patients with Laryngopharyngeal Free Tissue Reconstruction and Salivary Bypass Tube Placement** *OTOLARYNGOLOGY-HEAD AND NECK SURGERY*  
Divi, V., Lin, D. T., Emerick, K., Rocco, J., Deschler, D. G.  
2011; 144 (3): 474-476

- **Metastatic Potential of Cancer Stem Cells in Head and Neck Squamous Cell Carcinoma** *ARCHIVES OF OTOLARYNGOLOGY-HEAD & NECK SURGERY*  
Davis, S. J., Divi, V., Owen, J. H., Bradford, C. R., Carey, T. E., Papagerakis, S., Prince, M. E.  
2010; 136 (12): 1260-1266
- **CHEMOTHERAPY ALONE FOR ORGAN PRESERVATION IN ADVANCED LARYNGEAL CANCER** *HEAD AND NECK-JOURNAL FOR THE SCIENCES AND SPECIALTIES OF THE HEAD AND NECK*  
Divi, V., Worden, F. P., Prince, M. E., Eisbruch, A., Lee, J. S., Bradford, C. R., Chepeha, D. B., Teknos, T. N., Hogikyan, N. D., Moyer, J. S., Tsien, C. I., Urba, S. G., Wolf, et al  
2010; 32 (8): 1040-1055
- **Use-of cross-sectional imaging in predicting surgical location of parotid neoplasms** *JOURNAL OF COMPUTER ASSISTED TOMOGRAPHY*  
Divi, V., Fatt, M. A., Teknos, T. N., Mukherji, S. K.  
2005; 29 (3): 315-319