#### STUDENT TECHNOLOGY FEE REQUEST FORM

#### Procedure for Submission:

Form Updated: 9/05/17

- 1. Submitter must obtain required information from vendor(s). An official quote from the vendor must be attached. No website screen shots
- 2. This request must be reviewed, approved, and submitted by the requesting program's School Chair.

3. The School Chair may email this request to the Tech Fee Director. Since some schools will have multiple requests, please rename request PDF files in the following format: Schoolname# (rank, 1 being the highest priority) example - SocialJustice1, SocialJustice2, etc. Please submit as one PDF file

Dept. making request: Speech Language Pathology Requesting Faculty: Caroline Menezes

IMPORTANT: Attach an official quote from the vendor.

	List one item OR group (for use a	s a "package")	per page.			
Item Name	Vendor info. (name, address, Web site URL, phone #, email, etc.)	Part or Model #	Cost (ea	ach)	Qty	Total
DEFINA HD Video Processor	PENTAX Medical, ENT and Speech 3 Paragon Dr, Montvale, NJ 07645 Phone: (800) 289-5297, Fax: (201)391-2063 www.pentaxmedical.com Sales Rep: Jeff	EPK-3000-US DEFINA HD Video Processor 1	\$27,370.00	1	\$2	27,370.00
Course(s) where item(s) will be used SLP 2400	, 6000, 6001, 6010, 6011, 6600, 6650	Expected life product (year		# Studen Impacted per	20.00	

Location equipment or software will be used/stored

Speech-Language-Hearing Clinic Lab

Will Tech Fee needed for annual renewal or maintenance? What is the annual cost?

NO

Provide a brief description of the technology requested\*:

Currently we have a video laryngoscope in the speech language hearing clinic. We received training on how to use this equipment during Spring 2021. However, during this training it was discovered that this equipment was very outdated and we were not able to view, record, or see all laryngeal functions while performing laryngoscopic evaluations. This request is for upgrading this equipment will allow us to to utilize the equipment and the training we received for training and instruction of undergrad and grad level students and for the evaluation & treatment of voice and swallowing disorders.

## Briefly describe how the technology will be used (function)\*:

This technology will be used to teach undergrad and grad students anatomy and physiology related to the structure and function of voice production and swallowing. It will also be used to serve the community by providing evaluation and treatment to those with voice and swallowing disorders. Students will then enter their externship and job placements having had the experience and practice of completing video laryngeoscopes here on campus.

# Provide a rationale that Tech Fee funds are appropriate for this request\*:

We currently have a video laryngeoscope in the speech clinic for which we received training but discovered in the training that the equipment/technology was out of date. This upgrade would would make the equipment/technology we currently have up to date and fully functional for current students and faculty to train current students with this request. Students for the next 10 years will benefit from being able to learn and practice how the technology works and how to utilize the technology to evaluate and treat voice and swallowing disorders. Without upgraded equipment, the technology/equipment we currently have is not a functional tool and can not be fully utilized by students and staff.

\*Keep in mind that the committee members come from a variety of educational backgrounds and may not be familiar with department specific language. Please use concise, common terminology so that committee members reviewing this form will be able to fully understand the request.

• If you are submitting a request for computers, printers, scanners or software, you <u>must</u> consult with College Computing and the technology staff, to acquire a quote and to make sure that this equipment/software is supported by UT and compatible with existing technology.



PENTAX Medical, ENT and Speech 3 Paragon Dr, Montvale, NJ 07645 Phone: (800) 289-5297, Fax: (201)391-2063 www.pentaxmedical.com Quote Date: 09/23/21

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Quotation Number: KAY-24766-S9V6

Facility Information	Customer Information				
0002735 University of Toledo ACCOUNTS PAYABLE 3065 Arlington Ave. Toledo, OH 43614	Jennifer Glassman Asst. Professor ACCOUNTS PAYABLE 3065 Arlington Ave. Toledo, OH 43614				
Nodel Product					

Model	Product	Qty	List Price/Unit	Sale Price/Unit	Ext Sale Price
EPK-3000-US	DEFINA HD Video Processor	1	\$42,695.00	\$27,370.00	\$27,370.00
VNL8-J10	UltraSlim HD Nasolaryngoscope	1	\$27,767.00	\$20,500.00	\$20,500.00
VNL11-J10	Slim HD Nasolaryngoscope	1	\$25,627.00	\$18,920.00	\$18,920.00
ZUTR10002P	PENTAX Hand-Held Leak Tester	1	\$275.00	\$189.00	\$189.00
9108	Rigid Endoscope 70 deg. 6mm	1	\$7,597.00	\$6,400.00	\$6,400.00
	Sub	totals:	\$103,961.00	\$73,379.00	\$73,379.00
	Estimated Shippin	g Cost			
		OST SAL		Quote Total	\$73,379.00



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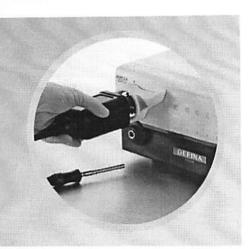
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Quotation Number: KAY-24766-S9V6

Quote Notes				
Terms:	Net 30 Days			
Delivery:				
Validity:				
F.O.B. Point:				
NOTE:				
* Quotation pricing m	ay not include applicable taxes. Please provide Tax Exempt Certificate, if applicable, when ordering.			
Please contact your PI achieve the optimal pe	ENTAX Medical, ENT and Speech Product Specialist for information on a PENTAX Service Plan to reformance and efficiency from your PENTAX Medical equipment.			
	Acceptance			
Purchase Order for t or deletions to this q credit approval. All year from date of sh	acceptance of this sales quotation by submitting the signed form along with a hard copy of the he Quotation Total Amount plus applicable taxes via fax to 201-391-2063. Changes, additions quotation may result in pricing changes. Acceptance of order and payment terms is subject to new PENTAX Medical merchandise is covered under the manufacture's warranty for one (1) ipment. PENTAX Medical general terms and conditions apply.  ereby certifies that he/she is authorized to execute this document and accept terms on apployer:			
P.O. Number:				
Print Name:				
Signature:	Date:			
Jeff Splavec				
PENTAX Medical,	ENT and Speech			
jeff.splavec@pentax	000			

# DEFINA

The DEFINA EPK-3000 offers HD image processing and i-SCAN™ enhancement technology, providing premium functionality in a light Laryngoscopes, the DEFINA is an optimal platform for in-office assessment and therapeutic procedures.



#### Brilliant HD Imaging

- Vivid, High-Definition images provide sharp and clear visualization of structures and details
- Engineered with super resolution technology for low distortion image processing





Provides sharp, clear, HD images of nasal, pharyngeal, and laryngeal anatomy

#### Advanced Visualization

- PENTAX Medical image enhancement technology, i-SCAN, combines Surface Enhancement (SE), Contrast Enhancement (CE), and Tone Enhancement (TE) to highlight topography, edges, and color tones
- i-SCAN enhances visualization of blood vessels and surface anomalies contributing information to patient assessment and treatment planning





i-SCAN image enhancement technology offers three customizable modes i-SCAN 1, 2, and 3 -- that enhance image topography, edges, and color tone highlighting vascularity and surface anomalies.

### Efficient and Compact Design

- Compact, portable design supports clinical offices with limited space
- One-handed white balance contributes to an efficient work flow
- o 180° image rotation facilitates easy transition from fiber scopes



#### **DEFINA EPK-3000 Video Processor**

HD video output*	DVI-D
Standard video output	RGB, Y/C, composite
User interface	Touch-button control panel, keyboard
Image Enhanced Endoscopy function	i-SCAN 1, i-SCAN 2, and i-SCAN 3 via quick-access buttons
Light source	150W Xenon
Compatible endoscopes	J10 Series video Naso-Pharyngo-Laryngoscopes
Dimensions (W x H x D / weight)	350 x 180 x 485 mm / 13.0 kg

<sup>\*</sup>HD image quality in conjunction with J10 endoscopes

#### PENTAX Medical

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Excellence in Focus



PENTAX MEDICAL

Premium HD and i-SCAN™ Image Enhancement Functionality in a Compact System

