PENTAX Medical Company Introduction

PENTAX Medical Korea Expert Meeting

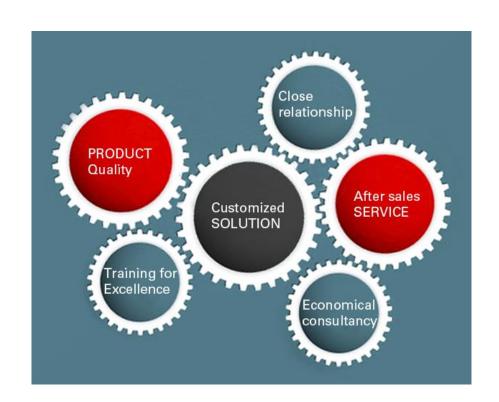


Company Vision



OUR VISION

Be hospital's preferred choice in flexible endoscopy systems, solutions, and related products – by providing a integrated platform from screening to diagnostics to therapy to optimize patients care.



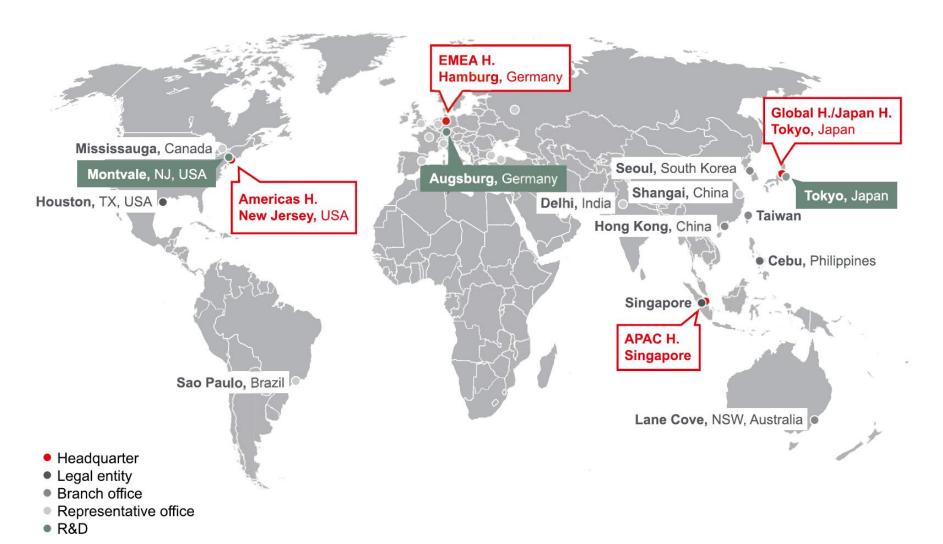
Our Product Portfolio





PENTAX Medical - Global Footprint









Company History

Establishment Established PENTAX Precision Instrument Corporation in USA *antecedent of PENTAX Medical Company Established PENTAX U.K. Limited **Establishment** Establishment Listing Listing **Establishment** Founded ASAHI Listed on the second Listed on the first Established PENTAX Optical Joint-Stock Incorporated ASAHI Company Optical Co., LTD section of the Tokyo section of the Tokyo GmbH in Germany *antecedent of ASAHI *antecedent of Stock Exchange Stock Exchange *antecedent of PENTAX Optical Co., LTD PENTAX Co., LTD Europe GmbH 1919 1938 1970 1971 1976 1977 1979

Enter Endoscopy Market

FB-17A PENTAX's First Broncho fiberscope



PENTAX's First

FG-28A PENTAX's First Upper GI scope (Fiber)







Company History

Establishment

Established ASAHI Optical Medical Division Singapore Branch *antecedent of PENTAX Medical Singapore PTE. LTD

Establishment

Established PENTAX France S.A. *antecedent of PENTAX France S.A.S.

Establishment

Established direct operations in Canada

1981

1984

1987

1988

1990

1994

1995

1997

1998

2001

PENTAX's First

FB-15H PENTAX's First Broncho fiberscope (Waterproof)



World's First

EB-1900

World's First Video Bronchoscope

World's First

VNI -1530 World's First Video Naso-Pharyngo-Laryngoscope

World's First **EG-3630UR** World's First

Ultrasound Upper GI Video scope (Electronic radial array)



PENTAX's First

EPM-3000 and 00 series scopes **PENTAX's First** Monochrome Video Processor and Video Scopes



World's First

FG-32UA World's First Ultrasound Upper GI Fiberscope (Electronic Convex)

PENTAX's First

EPK-700 and 30K series scopes PENTAX's First Color Video Processor and Video Scopes





Company History

Renaming

Renamed to

Corporation from ASAHI Optical Co.,

PENTAX

LTD

Renaming

PENTAX Precision Instrument Corp merged into PENTAX USA Inc., and renamed PENTAX of America, Inc.

Acquisition

PENTAX of America Inc. acquired operating assets of Kay Elemetrics Corp.

PENTAX Europe GmbH acquired SISTEMAS INTEGRALES DE MEDICINA, S.A.(Spain)

Establishment

Established PENTAX Netherland B.V.

Establishment

Established PENTAX Global Repair Center (PGRC) in Cebu, Philippines

Acquisition

PENTAX Europe GmbH acquired PENTAX Italia S.r.I

Establishment

Established PENTAX Medical Singapore PTE. LTD

Acquisition

HOYA Corporation acquired PENTAX Co., LTD

2002 2004 2005 2006 2007 2008

World's First

FB-19UV World's First Ultrasound Broncho fiber-scope (Electronic Convex)











Endo microscopes -World's First Confocal **Imaging** System (flexible endomicroscope)

Confocal GI



EB-1970UK World's First Ultrasound Video Bronchoscope

World's First



World's First

EPK-i and 90i series scor World's First Mega-pixel Video Processo and Video Scopes





Company History

Establishment

LifeCare S.A.S.

Acquisition

Establishment

HOYA Corporation acquired Digital Endoscopy GmbH

Establishment

Established PENTAX Medical (Shanghai) Co., Ltd.

Established PENTAX Medical Brazil Materiais E Equipamentos Ltda.

Established PENTAX Medical Singapore, PTE. LTD., Taiwan Branch Established PENTAX Medical Singapore, PTE. LTD., Hong Kong Branch

Established PENTAX Medical Bulgaria EOOD (Service Center in Bulgaria)

Established PENTAX Medical India Private.Limited.

Joint Venture

PENTAX Medical's First

HOYA Group set up a joint venture with Wassenburg Medical Devices in the field of endoscopy reprocessing

2010 2011 2012 2013



World's First

Established PENTAX France

VNL-1590STi World's First Mega-pixel Video Naso-Pharyngo-Laryngoscope



World's First

EPK-i7000 World's First Video Processor with HD Video



PENTAX Medical's First New Technology of Combining Bandwidth-Limiting Light with Digital Image Processing

i-scan Optical Enhancement (OE)





EB-1990i World's First Mega-pixel Video Bronchoscope



Endoscopes i10 Series HD+ (plus) Highest resolution HD (high definition) images available for colonoscopy and gastroscopy procedures for screening and treatment.







Company History

Investment •

PENTAX Medical invested in Creo Medical Ltd., a leading electrosurgical energy devices company in the U.K.

Establishment

Established PENTAX Medical Singapore, PTE. LTD., Korea Branch

2014 2015 2016



VIVIDEO ENT Videoscope Solution The first HD, cost-effective video scope for ENT

OPTIVISTA digital and Optical Enhancement (OE) working in combination



SCOPEPILOT True 3D colonoscopy

PENTAX Medical's First

Splash M-Knife The New Multi-Functional ESD Device Contributing in Early Treatment of **Gastric Cancer**



DFFINA New advanced high-definition (HD) imaging platform



HemoStat WideCup New Bipolar Hot Hemostasis Forceps Contributing to Early Treatment of Gastric Cancer





Company History

Joint Venture

PENTAX Medical has established an joint venture with Shanghai Aohua Photoelectricity Endoscope Co., Ltd. (AOHUA)

Acquisition

PENTAX Medical has acquired C2 Therapeutics to expand interventional endoscopy offerings

Acquisition

PENTAX Medical acquires majority stake in PlasmaBiotics SAS

2017

EB19-J10U Ultrasound Video Bronchoscope

Crystal clear ultrasound imaging to support diagnostic outcomes and enables smooth facilitation of the **EBUS-TBNA**

2018

OPTIVISTA plus

The next generation processor that enhances the OPTIVISTA's already superb image quality and other capabilities

C2 CryoBalloon[™] Ablation System Treatment of Barrett's Esophagus

VERSA

Affordable, complete and versatile HD platform based on CMOS and LED technology



IMAGINA

EUS-J10

Developed by directly integrating feedback from physicians worldwide, made for daily diagnostic and therapeutic needs.

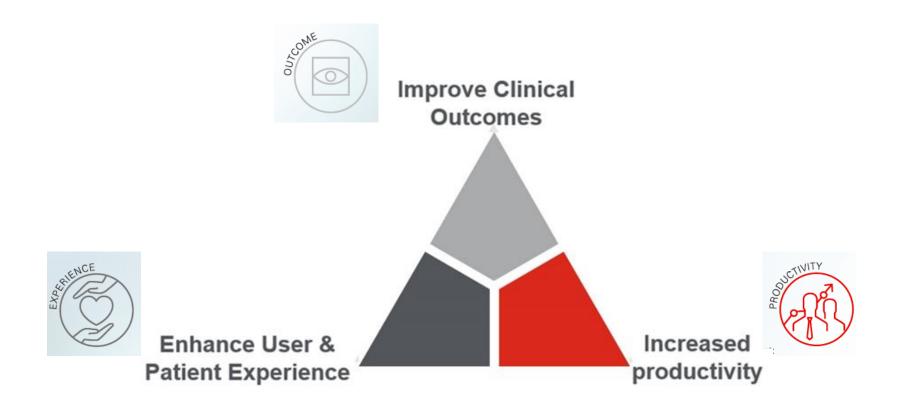
The World-First

ED34-i10T2 video duodenoscope with disposable elevator cap (DECTM) German Innovation Award 2018 for its groundbreaking DEC™ duodenoscope ED34-i10T2 with a unique disposable design to improve standards of patient hygiene

Designed for optimized procedural efficiency during diagnostic EUS, EUS-FNA/FNB, and therapy.

Triple AimOur Promise To Achieve Customer's Goal





PENTAX Triple Aim Value proposition

Thank you!

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