

(Theme: Technological Construction of Pathology)

Summary:

Pathology is a branch of medical science primarily concerning the examination of organs, tissues, and bodily fluids in order to make a diagnosis of disease. Pathology describes the scientific study of disease which can be described as any abnormality that is causing changes in the structure or function of body parts. In pathology, the causes, mechanisms and extent of disease may be examined. Pathology is a root cause to understand the mechanism of a disease. It is a subject for the professionals who looks beyond the clinical expectations.

Pathology specimens on an average currently number approximately 73,000 per year and autopsies number approximately 120 per year. Approximately 600 specimens are processed for electron microscopy annually including over 350 renal biopsies per year. The Pathology Advanced Diagnostics Laboratory performs over approximately Urovysion tests, KRAS tests, B and T gene rearrangements HPV genotypes, DNA ploidy studies, and small-round-blue-cell PCR panels annually. The global digital pathology market is estimated to reach \$5.7 billion by 2020. The In vitro diagnostics market revenue is expected to reach \$74.65 billion by 2020 at a CAGR of 5.34% during 2014-2020. Diagnostic Medicine market growth rate is 5-7% yearly.

For more details please visit- <http://pathology.conferenceseries.com/index.php>

Importance & Scope:

Pathology is a Major Field in modern medical Practice and Diagnosis. Pathology specimens currently number approximately 73,000 per year and on an average autopsies number approximately 120 per year. Approximately 600 specimens are processed for electron microscopy annually including over 350 renal biopsies per year. The Pathology Advanced Diagnostics Laboratory performs over approximately Urovysion tests, KRAS tests, B and T gene rearrangements HPV genotypes, DNA ploidy studies, and small-round-blue-cell PCR panels annually. Around 102 conferences are going on worldwide.

Pathology-2015 conference will cover the new research Techniques and concentrates on Exhibition of new Products introduced by the Pathology Laboratories. Also covers the increase in need for digital Pathology. Pathology brings basic and Clinical research into mechanisms of Disease.

Why New Orleans?

Depending on the Compound annual growth rate of Pathology market North America stands in first rank next comes Europe and Asia. So the Pathology-2015 is going to be held in North America

Conference Highlights:

- Anatomical Pathology
- Clinical Pathology
- DermatoPathology
- Renal Pathology
- Oral and Maxillofacial Pathology
- Forensic Pathology
- Veterinary Pathology
- e-Pathology
- Molecular Pathology
- Pathobiotechnology
- Surgical Pathology

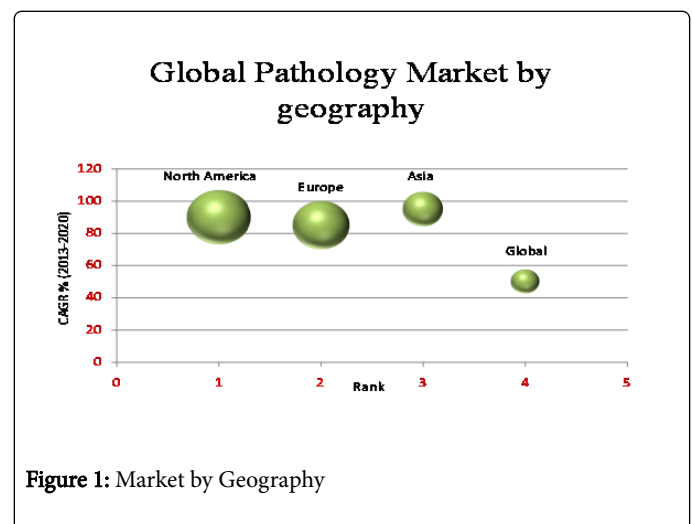


Figure 1: Market by Geography

Why to attend???

Pathology-2015 could be an exceptional event that brings along a novel and International mixture of giant and medium pathology analysis, leading universities and pathology analysis establishments creating the conference an ideal platform to share expertise, foster collaborations across trade and world, and assess rising technologies across the world. World-renowned speakers, the most recent techniques, tactics, and the newest updates in Pathology fields are hallmarks of this conference.

A Unique Opportunity for Advertisers and Sponsors at this International event:

- <http://pathology.conferenceseries.com/Sponsorship.pdf>

Major Pathology Associations in & around Louisiana

- Louisiana pathology society
- Texas Society of Pathologists
- Arkansas Society of Pathologists
- Alabama Association of Pathologists

Major Pathology Associations in USA

- American Society for Investigative Pathology
- American Society of CytoPathology
- Association of Pathology Chairs
- College of American Pathologists
- United States & Canadian Academy of Pathology
- American Board of Pathologists
- Association for Molecular Pathology
- Association of Directors of Anatomical and Surgical Pathology
- American Society for Clinical Pathology
- American Association of Forensic sciences
- World Association of societies of Pathology & Laboratory Medicine
- Renal Pathology Society

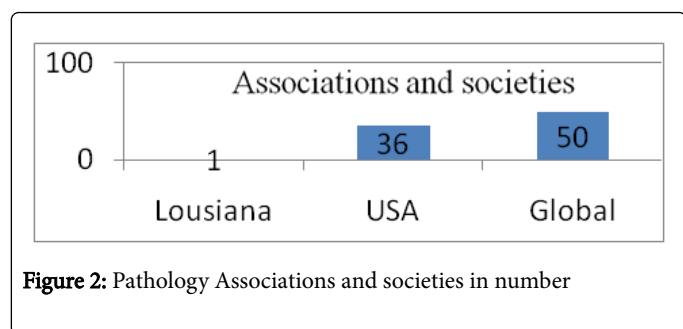


Figure 2: Pathology Associations and societies in number

Target Audience:

Practicing pathologist, pathologist in training and other healthcare professionals interested in the latest advances and techniques in the field. Another segment of target audience is Pharmaceutical researchers, Clinical organizations, Educational institutes, Anatomical Pathologists, Surgical Pathologists, Forensic Pathologists etc.,

Total Pathologists

- New Orleans- 104
- Louisiana- 252
- USA -18812
- World Wide- 249580

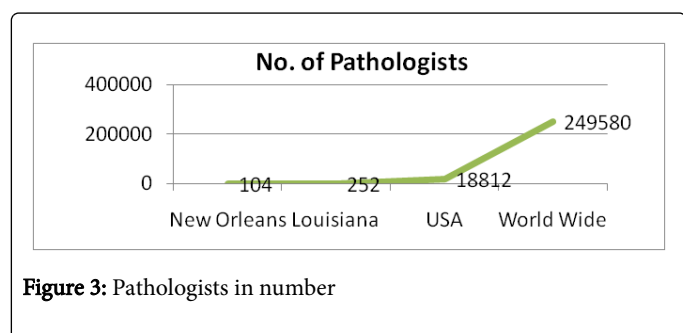


Figure 3: Pathologists in number

Source: Reference1

Knowledge sharing:

- Community Practice (80%)
- Academic Practice & Medical School Administration (15%)
- Industry (3%)
- Government, Public Health & Regulatory Positions (1%)

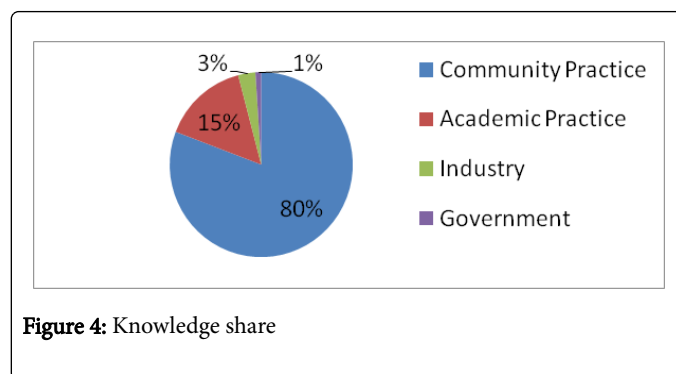


Figure 4: Knowledge share

Source: Reference2

Pathology Associated Universities

In and Nearby Louisiana

- Tulane University
- University of New Orleans
- Loyola University New Orleans
- Louisiana State University Health Sciences Center
- Xavier University of Louisiana

Top Universities USA

- Johns Hopkins School of Medicine
- University of Pennsylvania
- University of Washington Medical Center
- Emory University Medical Center
- University of Pittsburgh
- Yale University Teachers College,
- Columbia University
- University of Texas Southwestern Medical Center
- University of Michigan
- University of California San Francisco

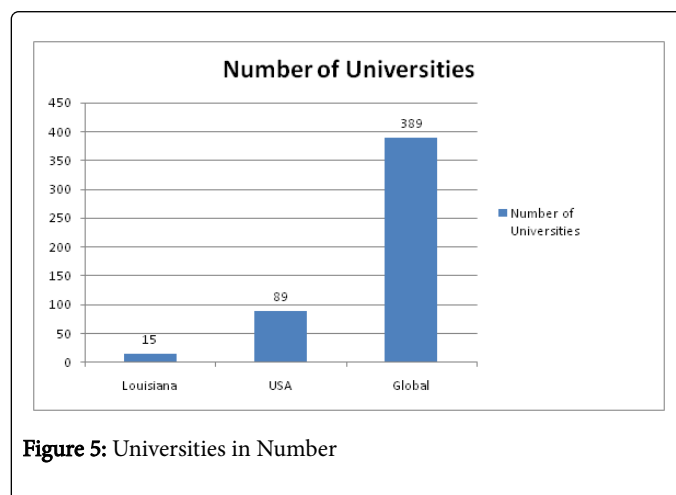
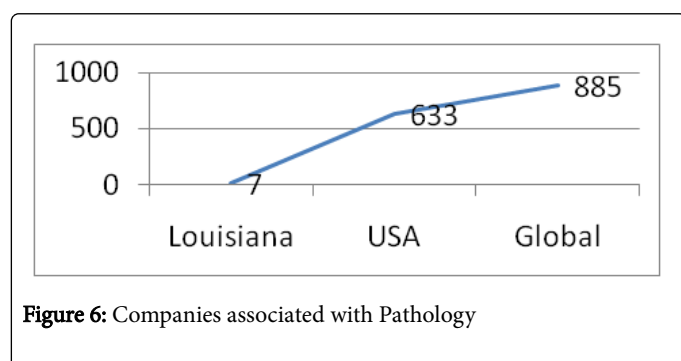


Figure 5: Universities in Number

Companies Associated with Pathology

- Roche/ Ventana/ BioImageLeica
- Sakura
- Hologic
- Qiagen
- Dako
- BD

- ThermoFisher
- Abbott
- Olympus



Source: [Reference3](#)

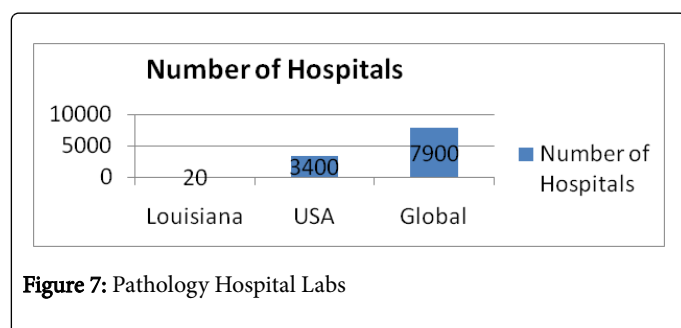
Hospitals & Laboratories Associated with Pathology

In New Orleans

- Clinical Pathology Laboratories
- Touro Infirmary
- LSU Health New Orleans
- Ochsner Foundation
- Children Hospital Pathology
- Medical Laboratory of southwest Louisiana
- Pathology Group of Louisiana
- The Path lab
- Delta Pathology

World Wide

- MD Anderson
- Memorial Sloan Kettering
- Mayo Clinic
- Johns Hopkins
- University of Washington
- Dana Farber
- University San Francisco
- Cleveland Clinic
- Reagan UCLA
- Duke



Top Independent Commercial Pathology Labs

- Quest
- LabCorp
- Myriad Genetics
- Genoptix
- Caris

- Genomic Health
- Aurora
- Bostwick
- BioReference
- Clariant

The following are some of the Pathology Kits & software's produce by the companies

Pathology Kits

- SureFISH Probes
- SureFISH ALK/ROS1/RET Probes
- CISH and FISH Kits
- FISH Probes
- Fluorochrome-Conjugated Probes
- Labeled Probes and Detection Systems
- Fragile X Probe
- Gene Rearrangement Probes
- Blotting Detection System
- Immunohistochemistry
- Antibodies and Controls
- Visualization Systems
- Ancillaries for IHC

Pathology Software's

- BARCO, Virtuoso 5.4, VENTANA Vector software
- Aperio Image Scope, SlidePath Gateway, ePathViewer

The Top Physician's Office Labs

- Mount Kisco Medical Group
- Summit Group
- Digestive Health Associates of Texas
- Atlanta Gastroenterology
- Urology Associates of North Texas
- Minnesota Gastroenterology
- Chesapeake Urology Associates
- Texas Digestive Disease Consultants
- Uro partners
- Arizona Digestive Health

Market Analysis of Pathology

The global digital pathology market, valued at \$1.98 billion in 2012, is estimated to reach \$5.7 billion by 2020. The In vitro diagnostics market revenue is expected to reach \$74.65 billion by 2020, from the market value of \$53.32 billion in 2013, at a CAGR of 5.34% during 2014-2020. Diagnostic Medicine has \$35 billion market, growth 5-7% yearly. Pathology labs will take approximately \$15-16 billion in revenue, and they will spend roughly 12% of their revenues with their suppliers all over USA^{3, 4}.

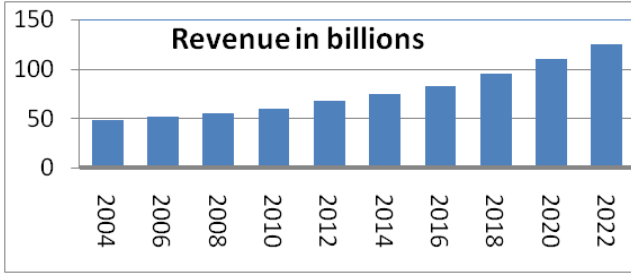


Figure 8: Pathology Market

- 36 Societies and Association

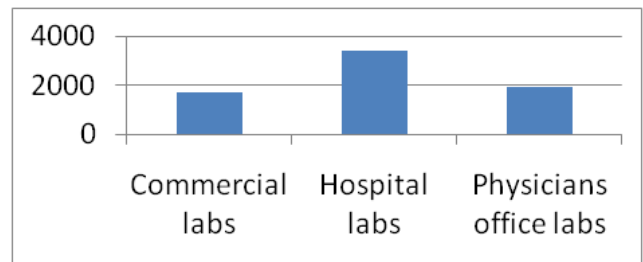


Figure 9: Total Statistics of Pathology

Overall Statistics

- Over 7000 licenses have been issued to pathology labs in the US
- 1,600-1,700 commercial labs
- 3,300-3,400 hospital labs
- 1,800-1,900 physicians' office labs
- Academic department in U.S. (130 medical schools; 155 training programs)
- 59 Universities are there in USA

References:

1. <http://health.usnews.com/doctors/location-index/pathologists>
2. www.pathology.ecu.edu/Public/resident/recruit.ppt
3. <http://www.mcevoyandfarmer-pathology.com/wp-content/uploads/2012/12/USPathReportContents.pdf>
4. <http://www.marketsandmarkets.com/Market-Reports/pathology-market-844.html>