Nanjing Lifenergy Medical Group

Speaker:
Ivy Jiang

Senior Manager of
International Department

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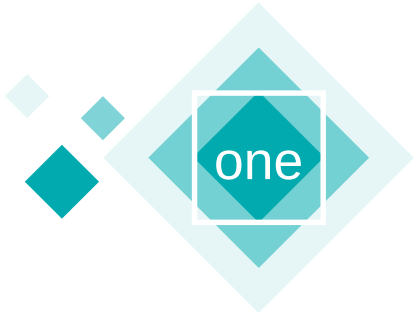

Company Introduction

- Company
- Key members

LIFENERGY

Company introduction

Head Office of Lifenergy Medical Group

- Registered and established in 1995
- Research and development of anti-tumor drugs, anti-virus drugs, cell therapy technology, cardiac intervention equipment and tumor precision surgery system
- The largest operation company of cardiac intervention consumables in Jiangsu Province and Anhui Province
- Good cooperative relationships with more than 800 large hospitals in China

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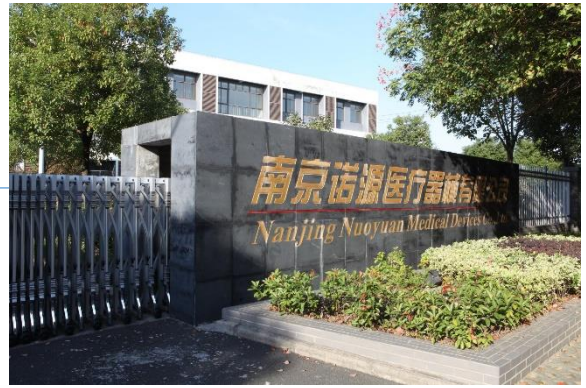
Member enterprises

Nanjing Aisa-East Sunrise
Pharmaceutical Co., LTD

Nanjing Lifenergy Medical Industry Co.,LTD



Nanjing Nuoyuan
Medical Devices Co., LTD

Rudong Sunrise
Natural Product Co.,LTD

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Key members

Huiming Cai

CEO
Nanjing University—Industry Professor
Jiangsu Association for Medical Device Industry—Vice-Chairman
Jiangsu Association for Drug Research and Development——Vice-Chairman
Nanjing Medical Device Management Association —Vice-Chairman

Shuming Nie

Professor in University of Illinois at Urbana-Champaign

World Analytical Chemists rank fourth in "Nano" in 2017

One of“World's Most Influential Researchers”in 2018

Sunil Singhal

Director of the Thoracic Surgery Research Laboratory of the Affiliated Hospital of the University of Pennsylvania, specializing in thoracic surgery responsibility of clinical research

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Lifenergy Award

Mr. Cai presented Dr. W. E. Moerner with the Distinguished professor award of Nanjing University

Nobel Prize winner in chemistry in 2014
Technical adviser

Mr. Cai presented Dr. Dennis Liotta with the Distinguished professor award of Nanjing University

Emtriva, for AIDS; Lamivudine, for hepatitis B;
Sofosbuvir, for hepatitis C

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Our Products

- Drug
- Real-IGS

Drug

Pemetrexed Disodium

Indications: Malignant Pleural Mesothelioma(MPM)

Tegafur Gimeracil Oteracil Potassium

Indications: Advanced Gastric Cancer, etc

Gefitinib

Indication: Metastatic Non-small Cell Lung Cancer

Dasatinib

Indication: Untolerated Chronic Myeloid Leukemia

CAR-T

Indications: CD19 Positive Leukemia (mainly in children) and treatment of neuroblastocyte in children

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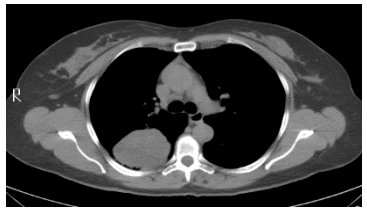
REAL-IGS

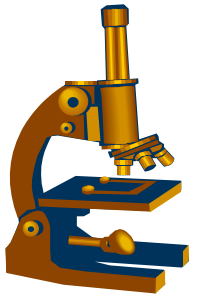
Clinic Challenge

Positive surgical margin???

Minimal residual disease???

Metastatic lymph nodes???





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REAL-IGS

Solution

Optical contrast agents

Make tumor cells glow

Indocyanine Green (ICG)

Intraoperative imaging devices

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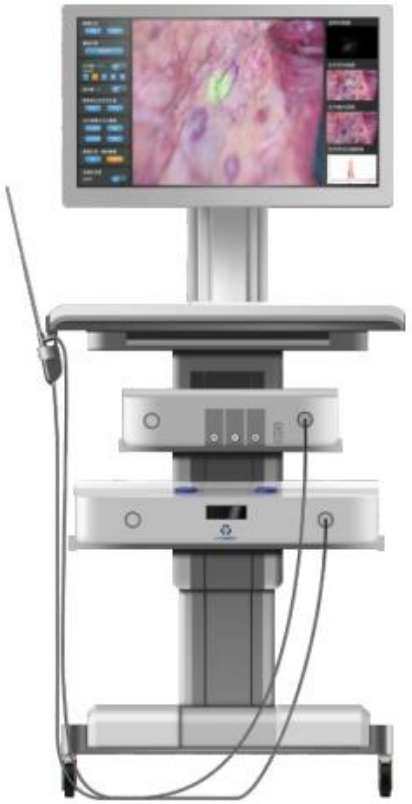
REAL-IGS

Real-time image guided system

FLI-10A



FLI-20A

- **Tumor location**
- **Tumor margin**
- **Tumor microlesions**
- **Sentinel lymph node**

- Wide-field imaging system is for open surgery
- Laparoscopic system is for invasive surgery

Indications:

Lung cancer, Esophageal cancer, Liver cancer, Colon cancer, Oral cancer, Cervical cancer,Breast cancer, etc.

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Research Clinical Trials

Indications:
Lung cancer， Breast cancer， Liver cancer，Oral cancer， Esophageal cancer， Colon cancer

Insititutions:
More than 10 well-known hospitals in both China and United States

Complete Cases:
More than 400 cases

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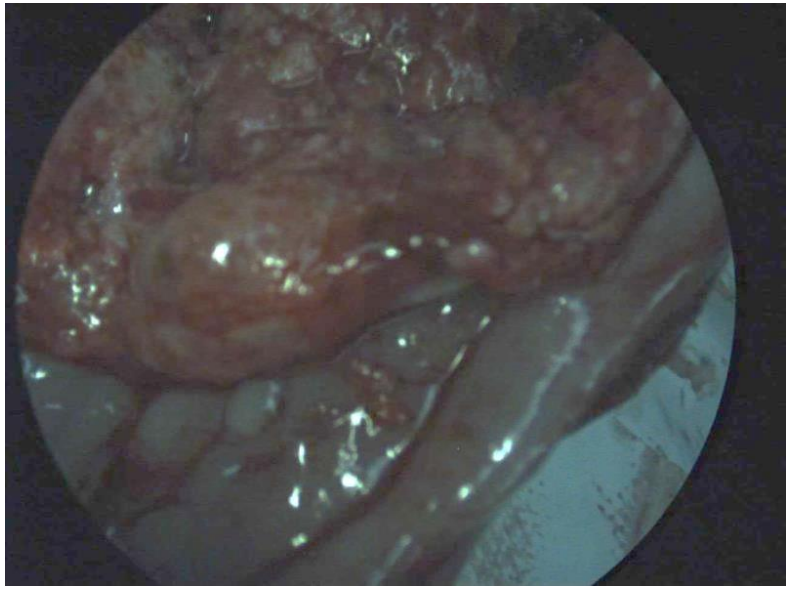
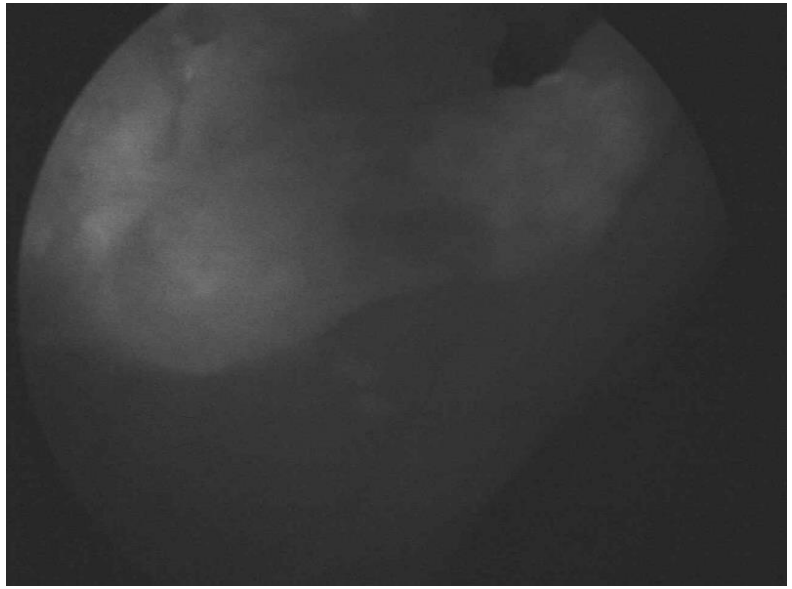
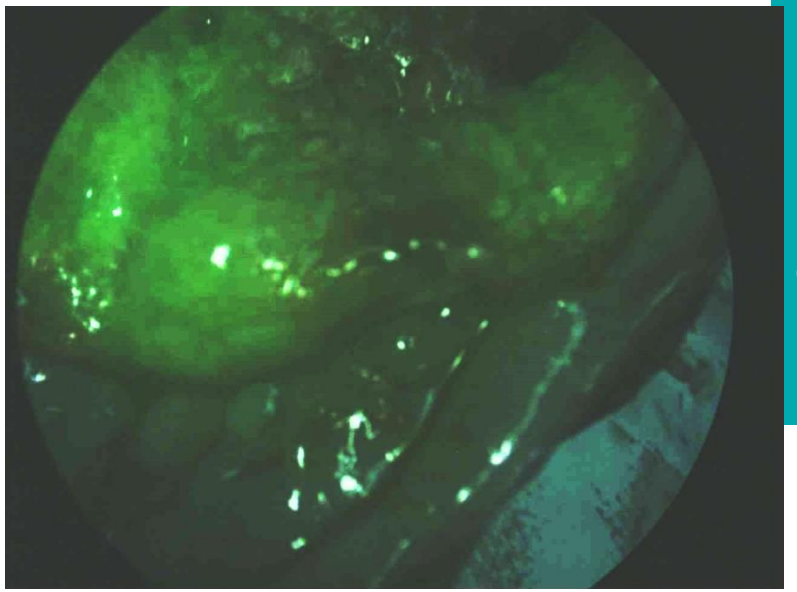
Clinical Case： Esophageal cancer



White light



Fluorescence



Merge

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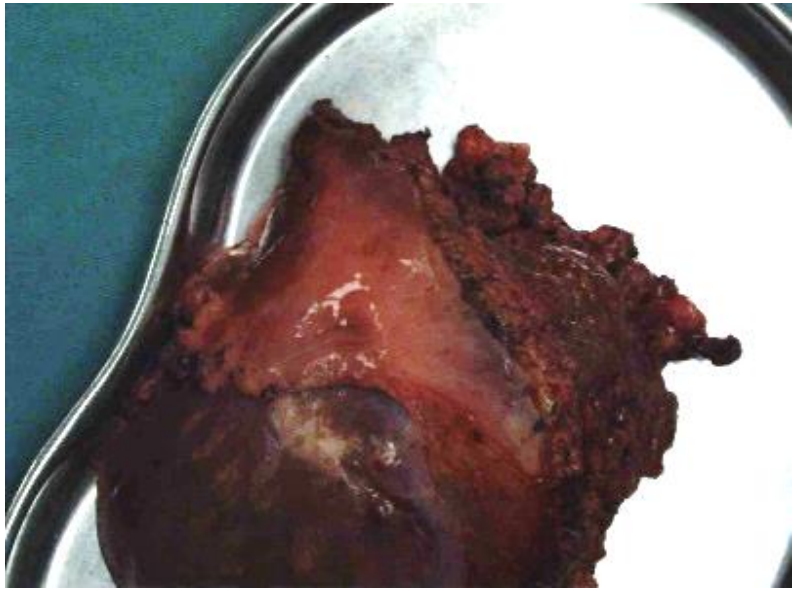
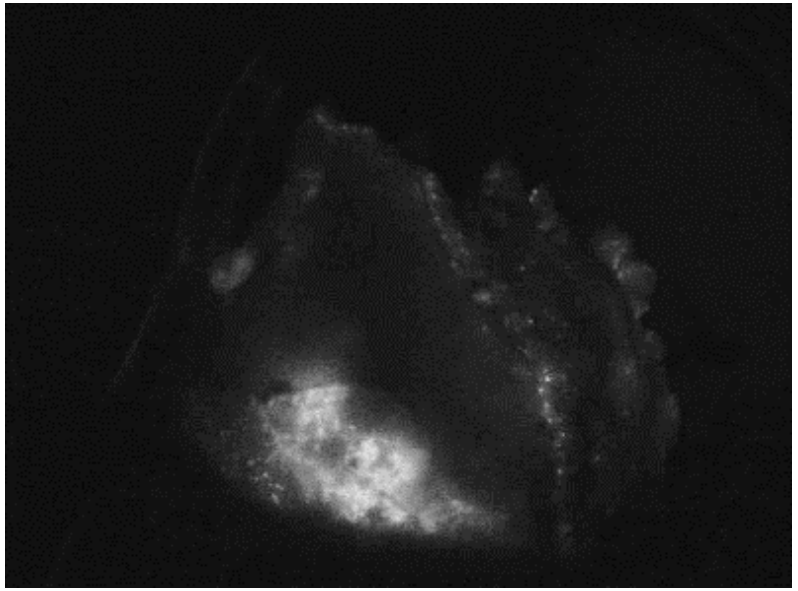
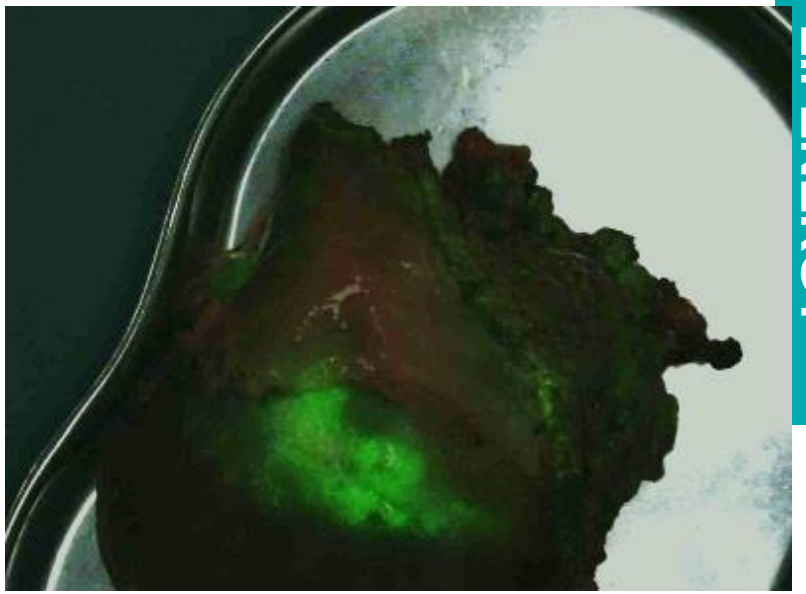
Clinical Case： Liver cancer



White light



Fluorescence



Merge

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Patents and Software Copyrights

27 patents in China, 4 patents in United States

4 software copyrights in China

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Ways of Cooperation

- Partners
- Opportunities

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International Business Partners

SIEMENS

BRAVAT® BY DIETSCHE 1873

Abbott Laboratories, S.A.

Johnson & Johnson

Medtronic

Schölly® EXCELLENCE INSIDE

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Opportunities

Collaboration:

- OEM
- Jointed research
- Technology transfer

Interests:

- Cancer treatment: Surgery-imaging
- Cardiac Intervention

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Thank you!

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We understand China, we understand you