

**Presentation  
of  
Newly Developed Product  
against  
Bird Flu Virus**



By  
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IQcenter Co.,.Ltd.  
2011

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Avian  
Influenza

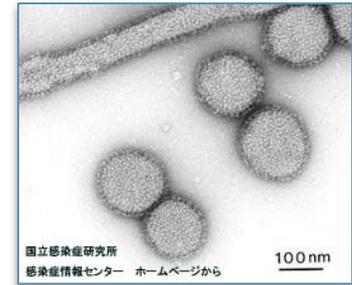
- Company Profile
- ASQ about the outbreak of Bird Flu

agents

- ASQ about the existing agents
- About our new product

Market

- World biocide demand for animal
- IQ share Forecast



Proposal: Discuss Joint Venture and  
Future Plan

# Company Profile

|                      |  |
|----------------------|--|
| <u>Name</u>          | IQcenter Co.,Ltd.  |
| <u>Address</u>       | 〒547-0033 5-8-27 Hiranonishi Hiranoku Osaka JAPAN  |
| <u>President</u>     | CEO Kazuyuki Takeshima   |
| <u>Capital</u>       | 23,000,000 yen   |
| <u>HP・E-mail</u>     | <a href="http://www.iqcenter.co.jp">http://www.iqcenter.co.jp</a> E-mail iqkazu@tune.ocn.ne.jp   |
| <u>Establishment</u> | 1986, AUG 30 <sup>th</sup> .   |
| <u>Purpose</u>       | 1) Development & sales of natural detergents soap and medical agents to preserve the earth's environment<br>2) To run a private school for junior high school students                     |
| <u>Main client</u>   | FELISSIMO Co.,Ltd./OZAX Co.,Ltd.<br>Primary schools in Ibaragi City /Yamaichi Food Industry Company  |
| 1976                 | To open a private school in Sakai City   |
| 1998                 | The first natural washing detergent invented by using clay and was approved by Osaka Municipal Technical Research Institute, JIK3370.  |
| 2000                 | Company Products Presentation on TV<br>Approved PCT(US,EU,JP,KR,CH)  |
| 2004                 | Developed a New Soap Against Bacteria  |
| 2007                 | <b>USA PATENT No.:US 6828288 B2</b>  |
| 2008                 | Developed New Soap Agents against Noro virus /Bird Flu virus/Adeno virus, legionella by collaboration with OSAKA PREFECTURAL INSTITUTE OF PUBLIC HEALTH.<br><b>JAPAN PATENT No.4120766</b> |



# Current Prevention Measures

| Types of Measure   | Outcome and Efficiency   | Results   |
|--|--|-----------|
| 1.Vaccination  | Regeneration of new virus through urine and dropping<br>Contamination of food                      | Good      |
| 2.Spray of Hypochlorous Acid                                     | Poisonous<br>Non effective cleaning ability<br>Possibility of Cancer                               | 92.7%     |
| 3. Spray of Virkon (The UN Approved disinfectant)                | Poisonous<br>Non effective cleaning ability<br>Possibility of Cancer                               | 92.7%     |
| 4. Washing with Soap (Medicated soap and their related products) | The efficacy may be subject to the environment of use. E.g. Pending on the type of bacteria/virus. | No effect |
| 5. Sterilization by Formalin                                     | Possibility of Cancer and House Syndrome   | 93.3%     |

## Low Efficiency Measures

## UN Financial Aids Against Bird Flu

| Country      | Financial     | System  |
|--------------|---------------|---|
| USA/JAPAN/EU | \$19 billion  | UN(2006/Jan18th at Beijing Meeting sankei news) |
| USA          | \$71 billion  | USA,CDC (2006/Mar3)<br>(botanical.jp/libraries) |
| JAPAN        | \$150 million | UN(2006/Jan18th at Beijing Meeting sankei news) |
| EU           | \$250 million | UN(2006/Jan18th at Beijing Meeting sankei news) |

Despite the current prevention measures and huge financial aids, Bird Flu still remains a great threat in the world.

**Introduction  
of  
Newly Developed Product  
“Sommelier Glass”  
(IQ2005)**

*Preventing the outbreak of Bird Flu !*

# ”Sommelier Glass”



- 1) **99.99%** proven ability to destroy the bird flu virus
- 2) Natural ingredients of clay, liquid pure soap, minerals etc
- 3) All-In-One Disinfect & Wash
- 4) Biodegrade 7 days
- 5) JIS K 3370
- 6) No need the wearing of masks nor gloves and washable
- 7) Non-Alcoholic, Non-Preservative, Non-chemical



Gold fish is alive  
0.3g our agents  
into water 600g

# Official Test Report No.1

\* Conducted by Institute of Osaka Public Health virus Bureau



## Germicidal Effect of IQ2005C

| 2005C                | 0 min       | 1 min | 2 min | 3 min | 1 0 min | 1 5 min            |
|----------------------|-------------|-------|-------|-------|---------|--------------------|
| Bird Flu<br>VirusH7N | 6.94<br>(0) | N.D   | N.D   | N.D   | N.D     | <2<br>(><br>99.99) |

infective rate log10 (rate of decrease %)

| H7N Viruses    | $8.7 \times 10^6$ | F F U/100ul              |
|----------------|-------------------|--------------------------|
| Test I Q2005 A | $< 10^3$          | $10^{-3}$ cellular toxic |
| Test I Q2005 B | $< 10^2$          | $10^{-2}$ cellular toxic |
| Test I Q2005 C | $< 10^2$          | $10^{-2}$ cellular toxic |

H7N1 1:1 IQ2005 2mix

37degree C 30min keep

Measure infective worth by using PAPmethod with MDCK

# Official Test Report No.2

\* Conducted by Institute of Osaka Public Health virus Bureau



**Add1:IQ2005C** infective rate log10(rate of decrease %)  
N.D By Osaka Industrial Technology Institute,

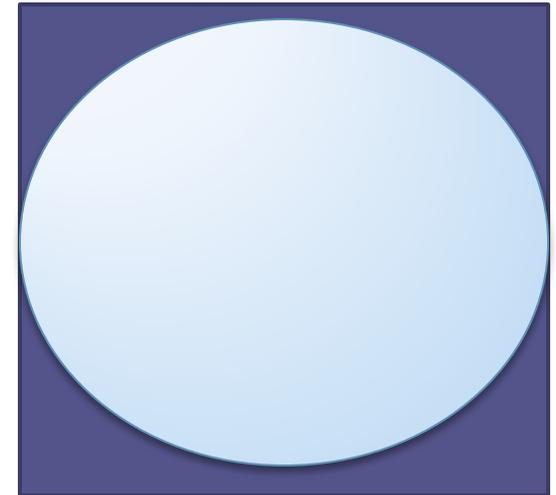
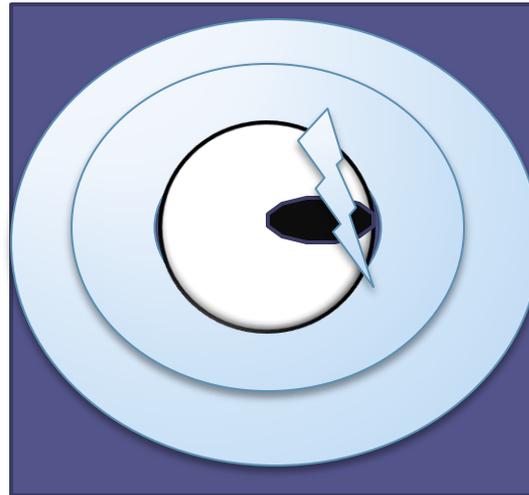
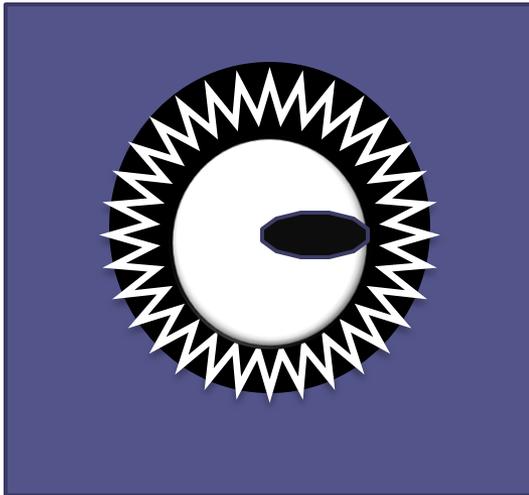
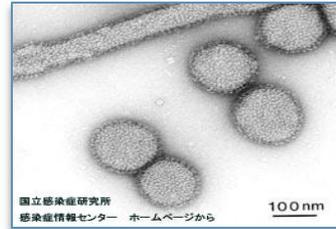
**Add 3:IQ2007** effect of antineko virus(Noro virus) infective rate log10  
(rate of decrease %)

|                       | 0 min    | 1 min   |          | 0 min   | 1 min       | 2 min         | 5min          | 10min         | 15min         |
|-----------------------|----------|---------|----------|---------|-------------|---------------|---------------|---------------|---------------|
| Escherichia coli      | 7.52 (o) | o (100) | I Q 2007 | 4.5 (o) | 1.75 (99.8) | <1.5 (> 99.9) | <1.5 (> 99.9) | <1.5 (> 99.9) | <1.5 (> 99.9) |
| O-157                 | 7.74 (o) | o (100) |          |         |             |               |               |               |               |
| Staphylococcus aureus | 7.32 (o) | o (100) |          |         |             |               |               |               |               |
| MR S A                | 5.53 (o) | o (100) |          |         |             |               |               |               |               |

**Add2:IQ2005** antivirus infective rate log10(rate of decrease %)

|                       | 0 min           | 1 min       | 2 min      | 3 min       | 10min         | 15min                    |
|-----------------------|-----------------|-------------|------------|-------------|---------------|--------------------------|
| Neko virus            | 5.25 (o)        | 4.25 (90)   | 4 (94.3)   | N.D         | 3.75 (96.8)   | 3.5 (98.2)               |
| <b>Bird Flu virus</b> | <b>6.94 (o)</b> | <b>N.D</b>  | <b>N.D</b> | <b>N.D</b>  | <b>N.D</b>    | <b>&lt;2 (&gt;99.99)</b> |
| Adenovirus            | 4.75 (o)        | 2.25 (99.9) | N.D        | 1.75 (99.9) | <0.5 (>99.99) | N.D                      |

# Bird Flu Disappear



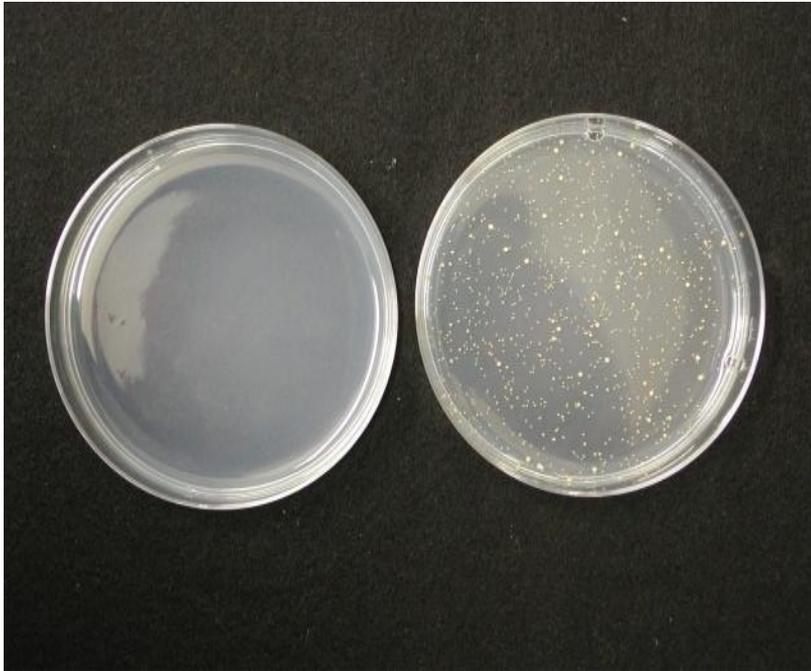
The surface/Envelope  
of HA ,NA covered with  
film

IQ2005 agents try to  
disinfect the viruses.  
Soon our agents  
dissolve their film of  
DNA.

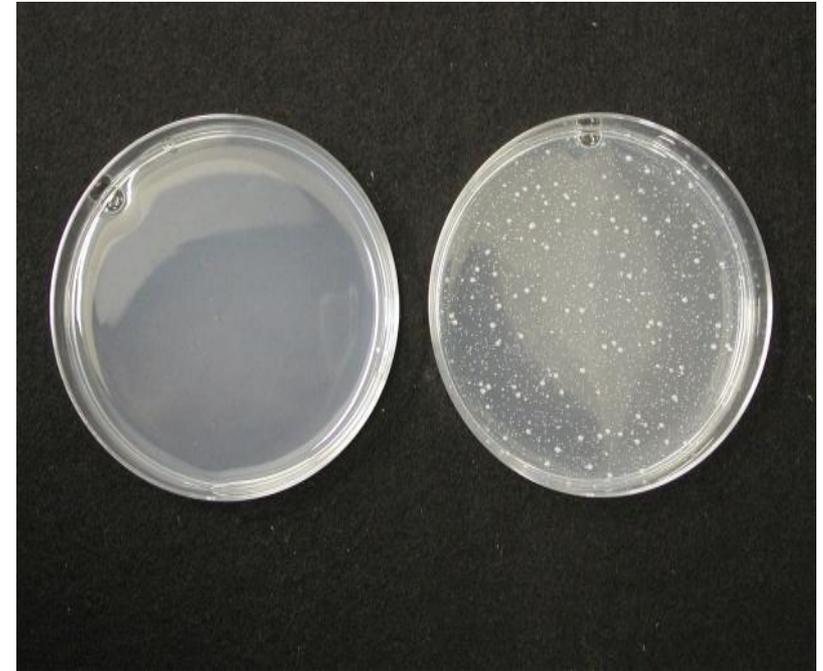
99.99%  
Disinfect against the  
Bird Flu.

# Official Test Report No.3

*\* Conducted by Osaka Municipal Technical Research Institute*



**Escherichia coli IFO3972**  
**Disinfected within 1 min**

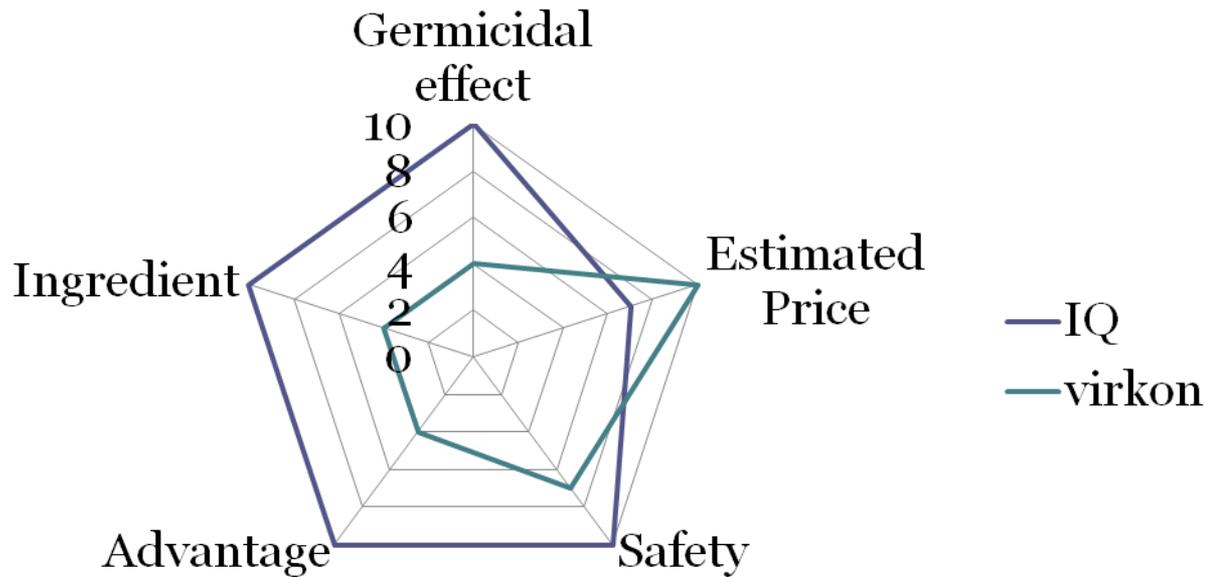


**Staphylococcus aureus IID**  
**1677**  
**Disinfected within 1 min**

# Comparison with Virkon

| NO | Item              | " IQ2005 "                             | " Virkon "           |
|----|-------------------|--|----------------------|
| 1  | Germicidal effect | 99.99%                                 | 92.70%               |
| 2  | Estimated Price   | Higher                                 | Lower                |
| 3  | Safety            | Safe                                   | Danger               |
| 4  | Advantage         | Simultaneous Effect;<br>Wash&Disinfect | Only Disinfect       |
| 5  | Ingredients       | 100% Natural Ingredients               | Chemical Ingredients |

# Comparison with Virkon

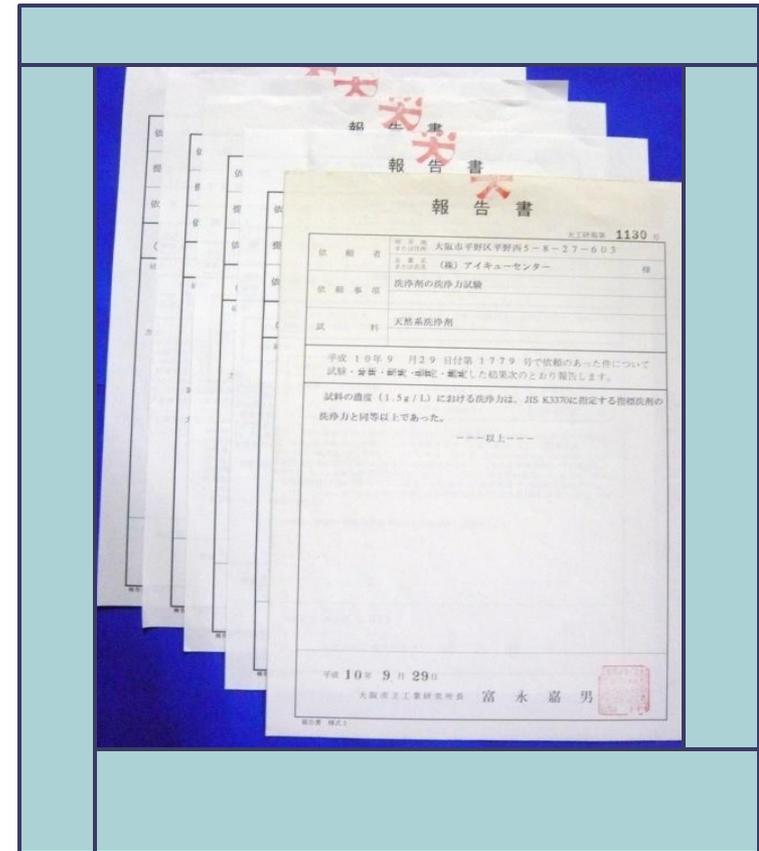


As score :Good 10, normal 7, bad 4

# Official Certificates



United States Patent No.US6828288B2  
[CLEANING COMPOSITION AND  
METHOD OF PREPARING THE SAME]



APPROVED by Osaka Industrial  
Technology Institute [JIS  
STANDARD/ DISINFECT AGAINST  
BACTERICIDAL]

# The Global Market for Biocides & Disinfectants

| Name        | Field                   | Sales million | Source                              |
|-------------|-------------------------|---------------|-------------------------------------|
| Bayer group | Net sales               | 24,701        | Bayel Sales in 2006                 |
| Bayer       | Animal Health           | 905           | Bayel Sales in 2007                 |
| MERIAL      | Animal Health Net sales | 2,166         | Merial Animal Health Landing Page   |
| MERIAL      | vaccine(Bird Flu)       | 563           | Merial .Com.                        |
| JAPAN       | Animal                  | 1,245         | Society of Animal Mdicl Health 2006 |
| NOVARTIS    | agriculture             | 6,860         | Media Release                       |

Demand for antivirus to 2016 will exceed

2.2  
billion

US \$

source: Global Information, Inc. 2006

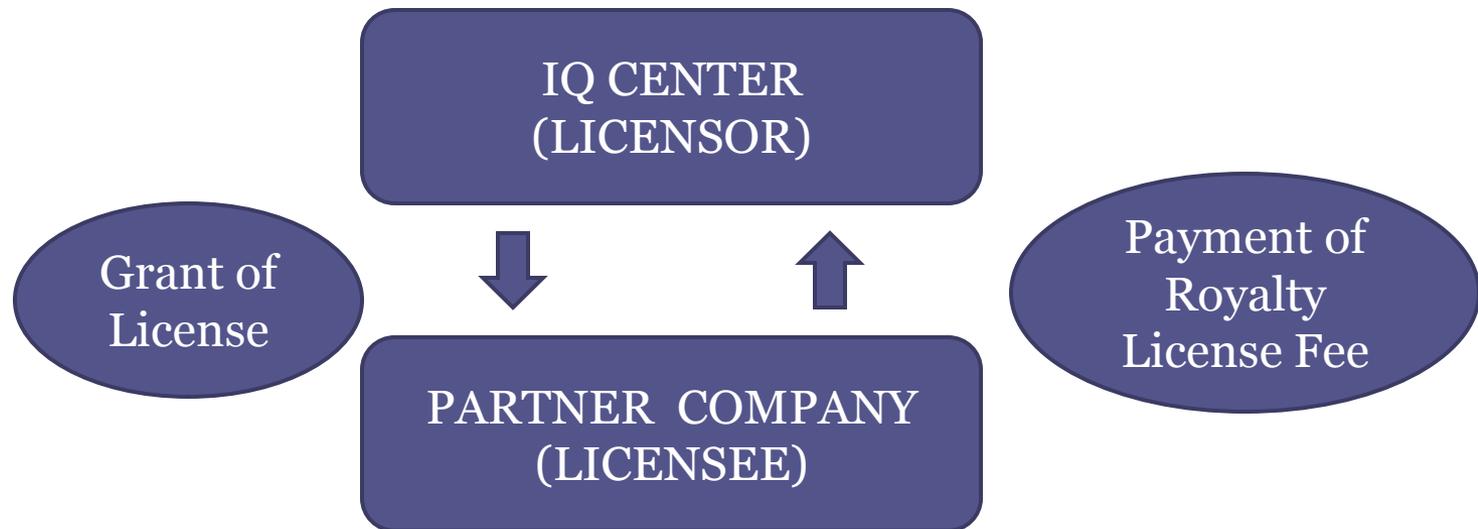
# Sales & Share Forecast

| Company  | Field            | Sales<br>Million<br>US\$ | About<br>Bird Flu<br>10% of<br>sales | <b>IQ 1<sup>st</sup><br/>Share<br/>Forecast</b> | <b>IQ 2<sup>nd</sup><br/>Share<br/>Forecast</b> |
|----------|------------------|--------------------------|--------------------------------------|---|---|
| Bayer    | Animal<br>Health | 905                      | 90.5                                 | 4   | 7   |
| MERIAL   | vaccine          | 563                      | 56.3                                 | 2   | 4   |
| JAPAN    | Animal           | 1245                     | 124.5                                | 6   | 9   |
| NOVALTIS | Agriculture      | 6860                     | 686                                  | 34  | 54  |
| Total    |                  | 9573                     | 957.3                                | 46  | 74  |



**PROPOSALS  
OF  
BUSINESS  
PARTNERSHIP**

# PROPOSAL – LICENSE BUSINESS



License Granted Worldwide

- 1) **Exclusive License** to manufacture and to sell the product.
- 2) Providing the world with a better tomorrow.

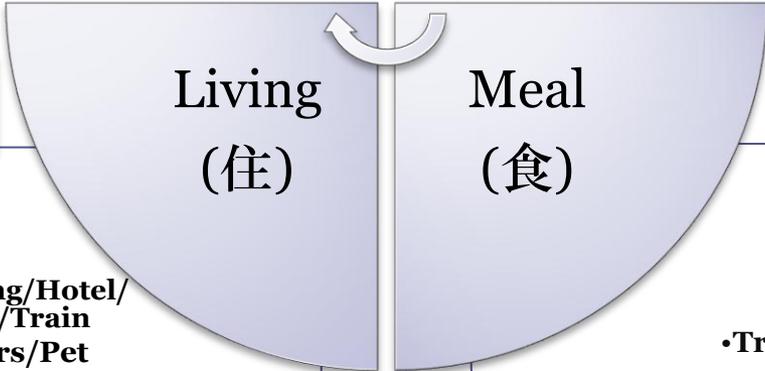
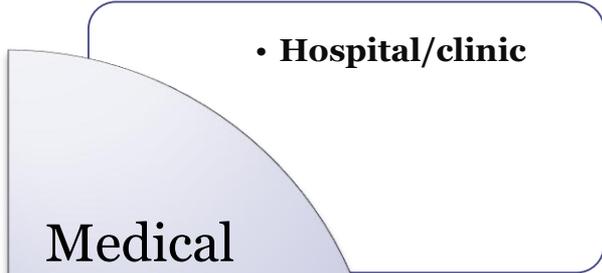
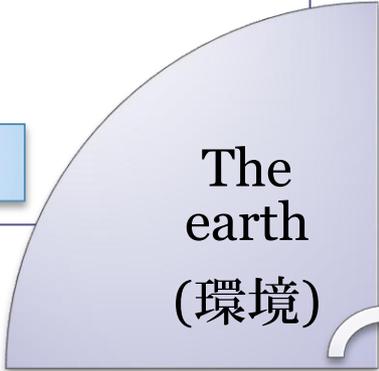
# Future Plan

Use natural more · Reduce bad chemical ingredients



- New Energy H<sub>2</sub>
- CUT C O<sub>2</sub>

R&D



disinfectant & washing

- House/Building/Hotel/ Nursing home/Train
- Military Affairs/Pet

disinfectant & washing

- Food Shop
- Transport/Air
- School

