Japanese Society of Child Health Nursing

International Exchange and Research

World Academy of Nursing Science
2nd International Nursing Research Conference
14-15 July 2011
Greetings from Japan

Hola!

Bonjour

Hello!

こんにちは

こんにちは

こんにちは

Buon giorno

Guten Tag

오늘

你好
Population in Japan

(million) (2010)

- China
- India
- U.S.A.
- Indonesia
- Brazil
- Pakistan
- Bangladesh
- Nigeria
- Russia
- Japan
- Mexico
- Philippines
- Vietnam
- Ethiopia
- Egypt

Graph showing population sizes.
Life Expectancy in Japan

<table>
<thead>
<tr>
<th>Country</th>
<th>Female</th>
<th>Male</th>
</tr>
</thead>
<tbody>
<tr>
<td>Japan</td>
<td>84.0</td>
<td>77.0</td>
</tr>
<tr>
<td>France</td>
<td>81.7</td>
<td>77.3</td>
</tr>
<tr>
<td>Australia</td>
<td>81.3</td>
<td>76.9</td>
</tr>
<tr>
<td>Sweden</td>
<td>80.5</td>
<td>75.5</td>
</tr>
<tr>
<td>England</td>
<td>80.5</td>
<td>77.5</td>
</tr>
<tr>
<td>U.S.A.</td>
<td>78.8</td>
<td>76.8</td>
</tr>
<tr>
<td>China</td>
<td>77.5</td>
<td>74.4</td>
</tr>
<tr>
<td>Russia</td>
<td>73.6</td>
<td>68.1</td>
</tr>
<tr>
<td>India</td>
<td>67.5</td>
<td>62.3</td>
</tr>
<tr>
<td>Nigeria</td>
<td>65.9</td>
<td>59.5</td>
</tr>
</tbody>
</table>

Data (2008)
Births in Japan

Live Births
1,071,000
(2010)

Total Fertility Rate
7.41 births
(per 1,000 population)
The first baby boom 1947~1949
Highest of live births: 2,696,638

The second baby boom 1971~1974
2,091,983

1966
The year of the Fiery Horse
1,360,974

2005
Lowest of live births: 1,062,530
Lowest of total fertility rate: 1.26

2010
Live Births: 1,071,000

Thousands of live births

Live births

Total specific births rate


Hana

Trends of Live Births & Total Fertility Rates
Infant Mortality in Japan

Infant mortality Rate (2010)

- Total: 2.79 deaths/1,000 live births
- Male: 2.98 deaths/1,000 live births
- Female: 2.58 deaths/1,000 live births

Perinatal Deaths

Perinatal mortality rate
Prenatal Mortality Rates in Japan

Foetal mortality ratio at 28 completed weeks and over of gestation

Early neonatal mortality rate (per 1,000 live births)
## Distribution of Infant Deaths By Causes of Death (2009)

<table>
<thead>
<tr>
<th>Age (y)</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>congenital malformations, deformations and chromosomal abnormalities</td>
<td>35.1 % Certain conditions originating in the perinatal period</td>
<td>14.1 % Sudden infant death syndrome</td>
<td>5.7 % Accidents</td>
</tr>
<tr>
<td>1–4</td>
<td>congenital malformations, deformations and chromosomal abnormalities</td>
<td>17.7 % Accidents</td>
<td>16.4 % malignant neoplasm</td>
<td>9.6 % Heart diseases</td>
</tr>
<tr>
<td>5–9</td>
<td>Accidents</td>
<td>25.8 % malignant neoplasm</td>
<td>20.8 % Heart diseases</td>
<td>7.3 % congenital malformations, deformations and chromosomal abnormalities</td>
</tr>
<tr>
<td>10–14</td>
<td>malignant neoplasm</td>
<td>20.8 % Accidents</td>
<td>18.5 % Suicide</td>
<td>13.9 % Others</td>
</tr>
</tbody>
</table>
# Sick and Wound Classification in Japan
## According to Age Class 2008

<table>
<thead>
<tr>
<th>Category</th>
<th>0y</th>
<th>1y~4y</th>
<th>5y~9y</th>
<th>10y~14y</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infection &amp; parasitic</td>
<td>15</td>
<td>40</td>
<td>54</td>
<td>30</td>
</tr>
<tr>
<td>Malignant neoplasm</td>
<td>3</td>
<td>7</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>Disease of the Blood/Immunologic System and Disorders</td>
<td>3</td>
<td>5</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>The Endocrine System</td>
<td>5</td>
<td>5</td>
<td>9</td>
<td>16</td>
</tr>
<tr>
<td>Psychologic Disorders</td>
<td>1</td>
<td>23</td>
<td>34</td>
<td>38</td>
</tr>
<tr>
<td>The Nervous System</td>
<td>2</td>
<td>18</td>
<td>27</td>
<td>24</td>
</tr>
</tbody>
</table>

*By Ministry of Health, Labour and*
# Sick and Wound Classification in Japan

## According to Age Class 2008

<table>
<thead>
<tr>
<th>System</th>
<th>0y</th>
<th>1y~4y</th>
<th>5y~9y</th>
<th>10y~14y</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Disorders of the Eye</strong></td>
<td>5</td>
<td>18</td>
<td>45</td>
<td>37</td>
</tr>
<tr>
<td><strong>The Ear and Mastoideus</strong></td>
<td>13</td>
<td>89</td>
<td>51</td>
<td>12</td>
</tr>
<tr>
<td><strong>The Cardiovascular System</strong></td>
<td>1</td>
<td>3</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td><strong>The Respiratory System</strong></td>
<td>76</td>
<td>528</td>
<td>407</td>
<td>175</td>
</tr>
<tr>
<td>※<strong>The Digestive System</strong></td>
<td>8</td>
<td>119 (106)</td>
<td>380 (371)</td>
<td>160 (152)</td>
</tr>
<tr>
<td><strong>The Skin</strong></td>
<td>35</td>
<td>88</td>
<td>73</td>
<td>54</td>
</tr>
</tbody>
</table>

※ Dental System

By Ministry of Health, Labour and
<table>
<thead>
<tr>
<th>Condition</th>
<th>0y</th>
<th>1y~4y</th>
<th>5y~9y</th>
<th>10y~14y</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neuromuscular Disorders</td>
<td>1</td>
<td>7</td>
<td>8</td>
<td>27</td>
</tr>
<tr>
<td>Nephrology/ Urologic Disorders</td>
<td>2</td>
<td>6</td>
<td>6</td>
<td>5</td>
</tr>
<tr>
<td>Certain conditions originating in the perinatal period</td>
<td>28</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>The Fetus and the Neonatal Infant</td>
<td>15</td>
<td>27</td>
<td>18</td>
<td>5</td>
</tr>
<tr>
<td>One not Classified</td>
<td>6</td>
<td>15</td>
<td>19</td>
<td>11</td>
</tr>
<tr>
<td>Damage, Poisoning and External Cause</td>
<td>6</td>
<td>23</td>
<td>43</td>
<td>66</td>
</tr>
</tbody>
</table>

By Ministry of Health, Labour and Health, 1,000 population
House For Families with Sick Children in Japan

Purpose

These “houses” allow families who come from far away to get treatment for their seriously ill or injured children to stay close by their hospitalized child at little or no cost.

They provide meals throughout the day, a place to rest overnight, and access to the best care possible.
House For Families with Sick Children in Japan

Family House .......................... 109
Ronald McDonald House ............ 7
Aflac Parent’s House ................. 3
Others ..................................... 16
Number of pediatrician in Japan

The pediatrics department

Hospital  8,721  
(5% of total of doctor in hospital work)

Clinic  6,515  
(6.7% of total of doctor in clinic work)

Data (2008)
Number of pediatrician in Japan

The pediatrics surgery department

Hospital  633
(0.4% total of doctor in hospital work)

Clinic  26
(0.02% total of doctor in clinic work)

Data (2008)
Number of Pediatrics in Japan

Hospital  2905  (37.7%)
Clinic    22503 (22.7%)

*( ) Rate to each total of facilities

Data (2008)
Children hospital in Japan

- Tokyo Metropolitan Children's Medical Center
- Aichi Children's Health and Medical Center
- Kanagawa Children's Medical Center
- Fukuoka Children's Hospital
- National Center for Child Health and Development
- Hyogo Prefectural Kobe Children's Hospital
- Fukuoka Children's Hospital & Medical Center for Infectious Diseases
National Center for Child Health and Development

2-10-1 Okura, Setagaya-ku, Tokyo, Japan
http://www.ncchd.go.jp/
The Introduction of
National Center for Child Health and Development

The National Center for Child Health and Development opened on March 1, 2002, as the fifth highly specialized national medical center in Japan.
Clinical care and research activities according to phase of life cycle

Adulthood
Parenthood

Adolescence

Infancy

Pregnancy
Fetus

Medical Care for Mothers and Fathers

Reproductive Medicine

Pediatric Medicine

Fetal Medicine

Reproduction-cycle

Child Health and Development

Health Care

Emergency Medicine

Child
The National Center for Child Health and Development promote medical care and research to assure safe birthing and effective child rearing, through collaborative efforts between the medical center and the research institute.

We foster human life, and provide nursing to support the future of children and their families.
Nursing department organization

Secretary general

Administrative dean

Hospital director

Director of Research Institute

Nursing Director (1)
  • Deputy nursing director (2)
    • Head nurse (19)
      • Deputy head (43)
        • Midwifes (62)
        • Nursery teachers
        • Nurses (416)
          • Nurse aids (15)

Certified Nurse Specialist
  • Child Health Nursing

Certified Expert Nurse
  • Pediatric Emergency Nursing
  • Infection Control
  • Cancer Chemotherapy Nursing
  • Wound, Ostomy and Continence Nursing
  • Infertility Nursing
  • Neonatal Intensive Care

Transplantation coordinators
Genetic counselors
Clinical Research coordinators
Certified Child Life Specialist
Clinical Teachers
(also serving the National College of Nursing)
Activities of NCCHD

- **12,700/year**
  NICU (40 beds)

- **390/day**
  14 Wards (460 beds)

- **6,000/year**
  PICU (20 beds)

- **4,700/year**
  Operation (9 rooms)

- **1000/day**
  Outpatients

- **31,000/year**
  Emergency
In this ward, we are providing nursing care for women in pregnancy, delivery, puerperal and newborns.

Delivery: 1,700/year

6 LDR (Labor, Delivery, Recovery) rooms
Nursing practices in Pediatric Ward

Coordinated care with nursing and nursery to promote patient’s growth.
Tokyo Metropolitan Children’s Medical Center

2-8-29 Musashidai, Fuchu-shi, Tokyo, Japan
http://www.byouin.metro.tokyo.jp/shouni/

since March 1, 2010
The Mission of our hospital

- A center of pediatric care in Tokyo
- Medical treatment that centers in children
- Medical treatment that unifies mind and body
- Medical treatment considering on growth and development of children
- Medical treatment cooperating with society
We esteem the personality of each child who carries the future, and provide specialized nursing care in high quality that brings up children’s growth and development.

We offer children a safe, comfortable nursing in cooperation with the medical team and the family.

Each nurse demonstrates flexible ideas and creativity for improving the nursing.
We offer total nursing which unifies mind and body in cooperation with medically staff.

We have a skill for nursing patients, not only in general, specialty, and psychiatry wards but also in an emergency room and a pediatric intensive care unit.

We care for patients during childhood, from a premature baby to a junior high school students. We can also contribute in transferring patients from our hospital to adult one.

We educate continuously nurse who can work in our hospital which is a center for pediatric care in Tokyo, especially Tama area.
<table>
<thead>
<tr>
<th>Role</th>
<th>Number</th>
<th>Description</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOTAL</td>
<td>901</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Doctors</td>
<td>200</td>
<td>Certified Nurse Specialist (CNS)</td>
<td>1</td>
</tr>
<tr>
<td>Registered Nurses</td>
<td>630</td>
<td>Certified Nurses (CN)</td>
<td>10</td>
</tr>
<tr>
<td>Co-medical staff</td>
<td>106</td>
<td>CNS·CN ⇒ board eligible</td>
<td>4</td>
</tr>
<tr>
<td>Administration Officers</td>
<td>44</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Welcome to our hospital!
Outpatient

Inpatient
Staff Station

NICU

Tokyo Metropolitan Children’s Medical Center Nursing Department
Kanagawa Children’s Medical Center

2-138-4 Mutsukawa, Minami-ku, Yokohama-shi, Kanagawa, Japan
http://kanagawa-pho.jp/osirase/byouin/kodomo/
About KCMC

Kanagawa Children’s Medical Center opened to the public in 1970 with 268 inpatient beds. In the 20 years, the hospital has expanded to have around 419 beds on wards with perinatal wards.

- We have 29 specialities.
- We treat around 490 outpatients a day.
- We have 419 inpatient beds,
  including 50 beds for severely-retarded children and 40 beds for orthopedically impaired children.
- We have a school for handicapped children within the hospital site.
The Mission of our hospital

The Mission of Kanagawa Children’s Medical Center is to improve the health and welfare of the children and to provide the highest quality care and treatment.

The Mission of our nursing department

The Mission of our nursing department is to ensure the best interests of the children.
Our hospital staff

◆ Total number of the staff: 1036

181 Doctors
526 Registered Nurses

- 4 Certified Nurse Specialists in Child Health Nursing
- 14 Certified Nurses
  - 2 Wound, Ostomy and Continence Nursing
  - 3 Intensive Care
  - 1 Infection Control
  - 1 Pediatric Emergency Nursing
  - 2 Neonatal Intensive Care
  - 2 Cancer Pain Management Nursing
  - 1 Palliative Care
  - 2 Diabetes Nursing

1 Certified Nurse Administrator
Nursing at our hospital

To provide children's developmental care
To respect children's right all the time
To ensure continuous care from hospital to home
To ensure partnership between nursing staff and children's family
Reception
Hospital Lobby
Inpatient
We give children a bath every day as Japanese children love bathing!!!!
Aichi Children’s Health and Medical Center

1-2 Osakata, Morioka-cho, oobu-shi, Aichi, Japan

http://www.achmc.pref.aichi.jp/
Aichi Children's Health and Medical Center partly opened in 2001 with 42 inpatient beds and 78 members of staff, and fully opened in 2004 with 200 beds and 284 members of staff as one of the leading children's hospital in Japan.

204 Nursing staff

1 Certified Nurse Specialist in Child Health Nursing
1 Certified Nurse Specialist in Family Health Nursing
2 Certified Nurse in Pediatric Emergency Nursing
1 Certified Nurse in Neonatal Intensive Care
1 Certified Nurse in Wound, Ostomy and Continence Nursing
The mission of our hospital

- Enhance the health and well-being of the children and their families
- Respect children’s and families’ right all the time

The Mission of our nursing

- Ensure the children’s future
- Respect children’s right
- Improve an individual quality of life
Health Center

● Consultation  ● Education  ● Research  ● Information

【Lecture on Accident Prevention】

【Tel Consultation】
Child-friendly Hospital Environment

~Japanese classic event~

Boy’s Festival
May, 5

Girl’s Festival
March, 3

Star Festival
July, 7
Child-friendly Hospital Environment

~Lots of fun!!~

Hospital Crown arrived!

Story time!

Hospital play area
The Multidisciplinary Team

Everyday team conference

Multidisciplinary team case conference
Preparation for Children to respect children’s right

For children undergoing surgery
Preparation for Children

For children going to MRI

For children having blood test
Various Hospital School

We are going to the hospital school every day! We can keep up with schoolwork.

Hospital school is just close to the hospital

School room in the hospital

Bedside teaching
Hyogo Prefectural
Kobe Children's Hospital

1-1-1 Takakuradai, Suma-Ku, Kobe-shi, Hyogo, Japan
http://www.hyogo-kodomo-hosp.com/
About Hyogo Prefectural Kobe Children’s Hospital

● Our hospital was established in 1970 in commemoration of the 100th anniversary of Hyogo prefectural government as one of the first children’s hospital in Japan.

● We have 266 inpatient beds in 12 wards including PICU, NICU, GCU, HCU, general wards, emergency room, maternity ward.

● The number of the staff is 700
  - 120 Doctors
  - 480 Registered Nurses
     3 Certified Nurse Specialists
     4 Certified Nurses
  - 6 Nursery Teachers
Our Mission

As an integrated hospital of perinatal and pediatric medicine, our aim is to promote the healthy development of children, in collaboration with parents and the community, through providing highly specialized and advanced medical care for mothers and children.
Perinatal Care

- Excellent critical care
- Developmental care
- Family-centered care
- Staff training

Stoma Care for Extremely low birth weight infant
Emergency Care
● PALS study day by Certified Nurse in Pediatric Emergency Nursing
Respiratory Care
Preparation for children

Preparation book for children undergoing surgery

Puppet

Distraction by the music therapist even in the operating room!!!!
Bathing and Feeding

Nothing is as pleasant as bathing....
Fukuoka Children’s hospital & Medical Center for Infectious Diseases

2-5-1 Tojin-machi, Chuo-ku, Fukuoka-shi, Fukuoka, Japan
http://www.fcho.jp/childhp/
Facts about us

• Established in 1980.
• 21 specialties & 214 inpatient beds
• Over 270 outpatients a day
  and 67,424 outpatients a year
• 2,036 operations including 443
  heart operations a year
• 235 nursing staff including 14 midwives
• 1 Certified Nurse Specialist in Child Health Nursing
• 1 Certified Nurse in Neonatal Intensive Care
The mission of our hospital

- To give all children and their families the best interests

The mission of our nursing

- To establish close rapport by respecting the rights of the child

We make all children smile!!!!
Nursing at our Hospital

ICU

NICU

Operating Room
Nursing at our Hospital

ICU

NICU

Operating Room
Nursing at our hospital

Outpatient

Maternity ward

Pediatric Ward
Improving Quality of Care

Lots of events!!!

HO-HO-HO

Schoolwork!
Improving Quality of Life

Preparation for children

Family House
What we can do
for children and their families

- Skill up training
- Research & Audit
- Collaboration with expert/specialist nurses
- Team Conference
- Continuous Care from admission to discharge
このスライドは先日メキシコで開催された世界看護科学学会第2回学術会議（WANS）で日本の小児看護の紹介として展示されました。すてきな施設紹介の原稿を作成してくださった
成育医療センター
都立小児総合医療センター
神奈川県立こども医療センター
あいち小児保健医療総合センター
兵庫県立こども病院、
福岡市立こども病院・感染症センターの皆様に心より感謝致します。

作成 日本小児看護学会
国際交流委員会
中村由美子、江本リナ、平田美佳、宗村弥生