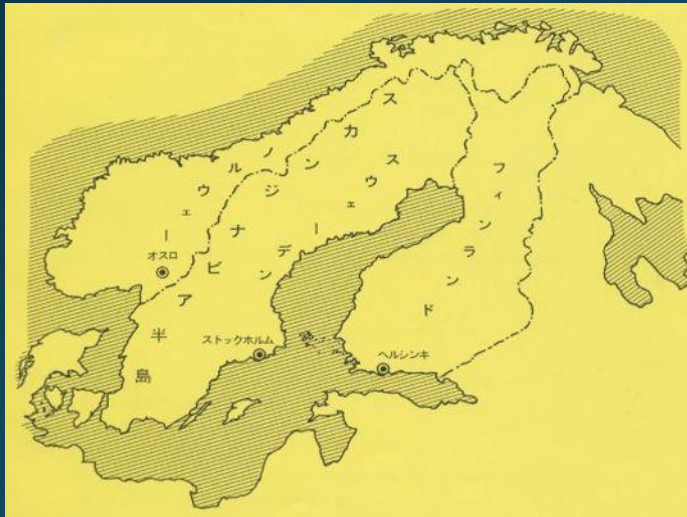
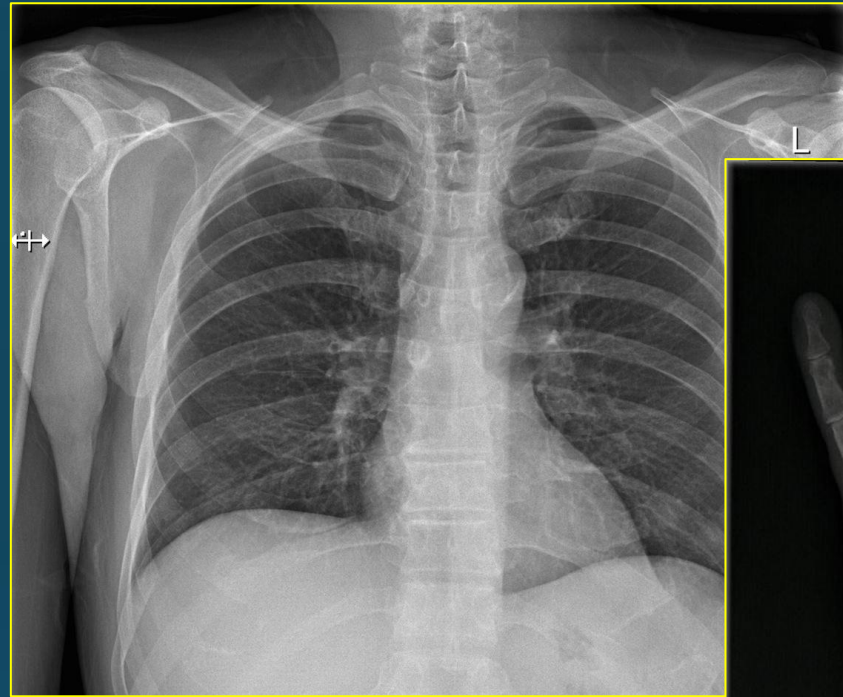
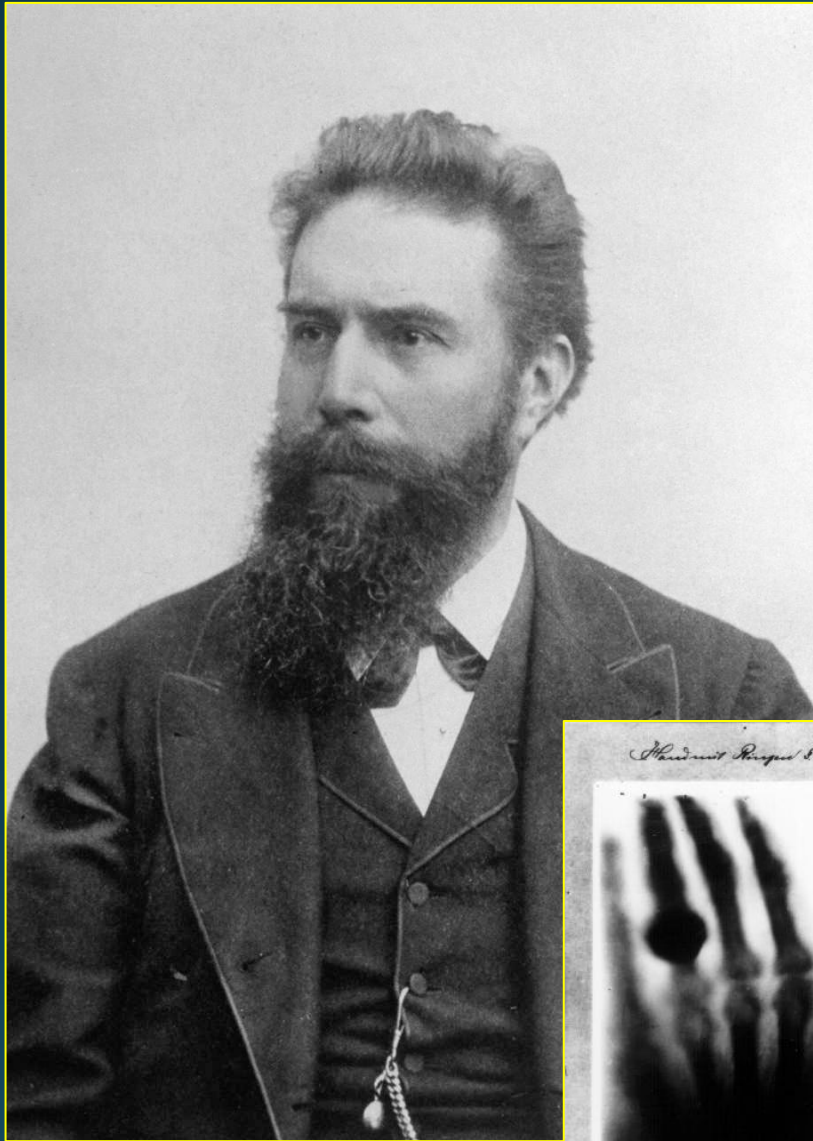


History and Future of the Japanese Scandinavian Radiological Society and Nordic Japan Imaging Informatics Symposium

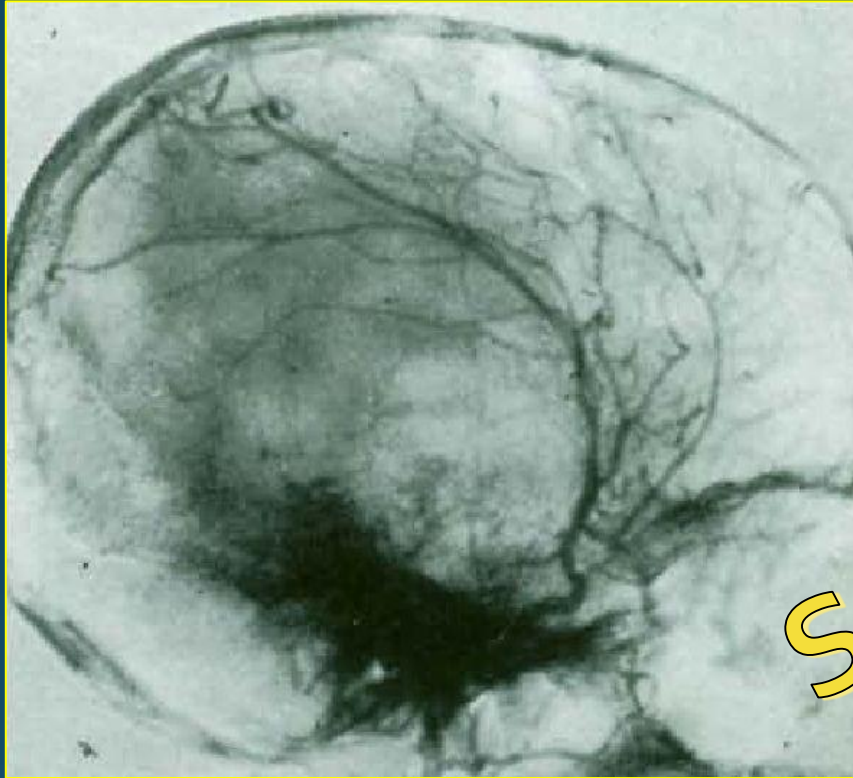


Finn Mathiesen MD retired
Vejle Hospital, Denmark
Exchange Tokyo 1992
President JSRS 2010



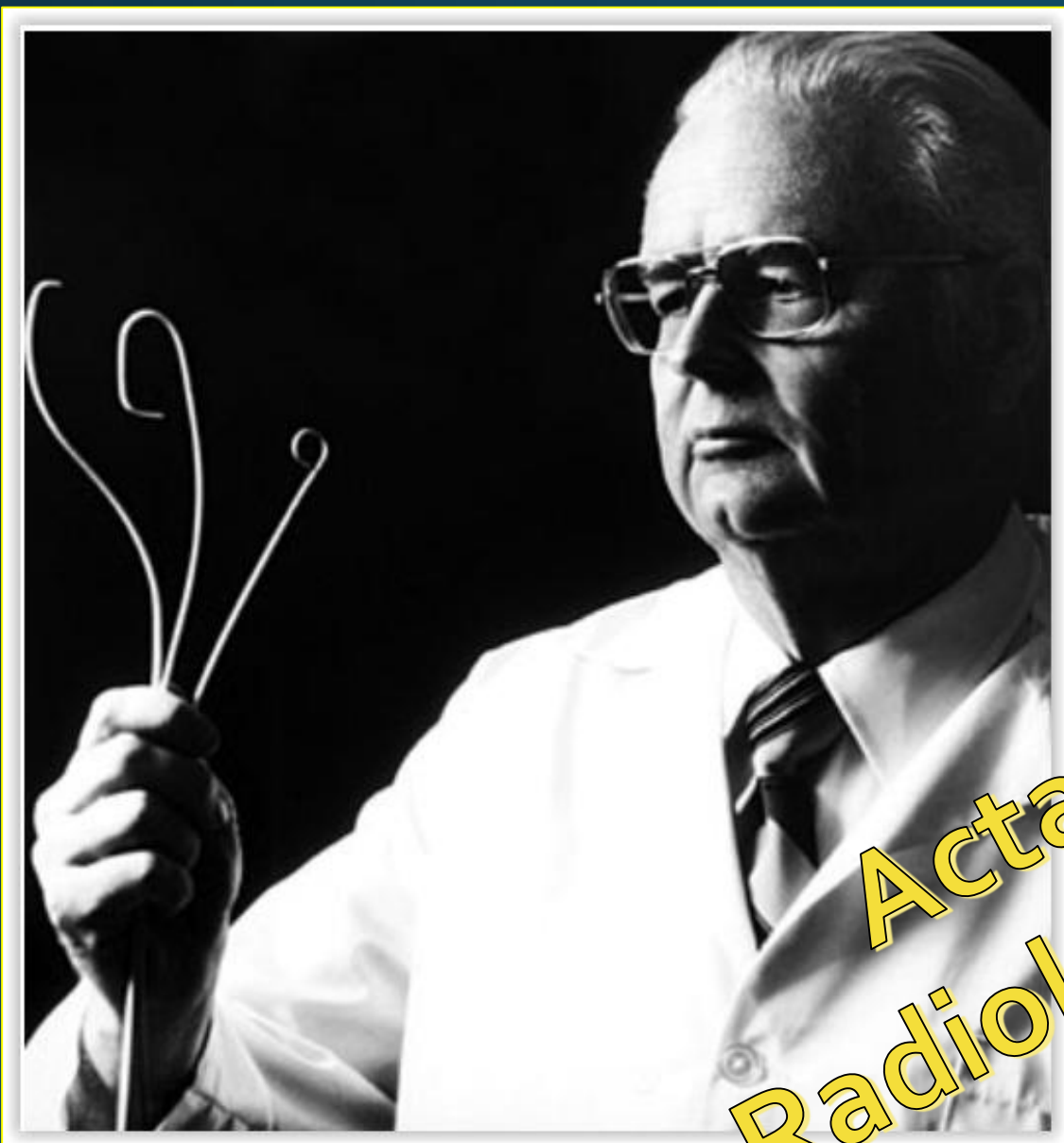


Wilhelm Conrad Röntgen
November 8th 1895
Nobelprize 1901



Sodium
Iodide

Egas Moniz
1931
Nobelprize 1949

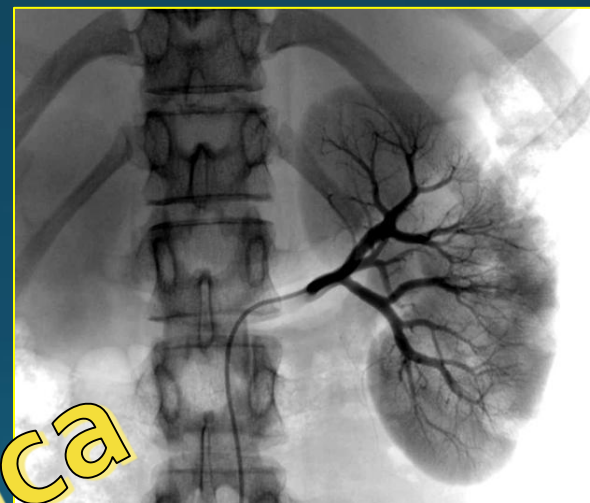


CATHETER REPLACEMENT OF THE NEEDLE IN
PERCUTANEOUS ARTERIOGRAPHY

A new technique

by

Sven Ivar Seldinger



Acta
Radiologica

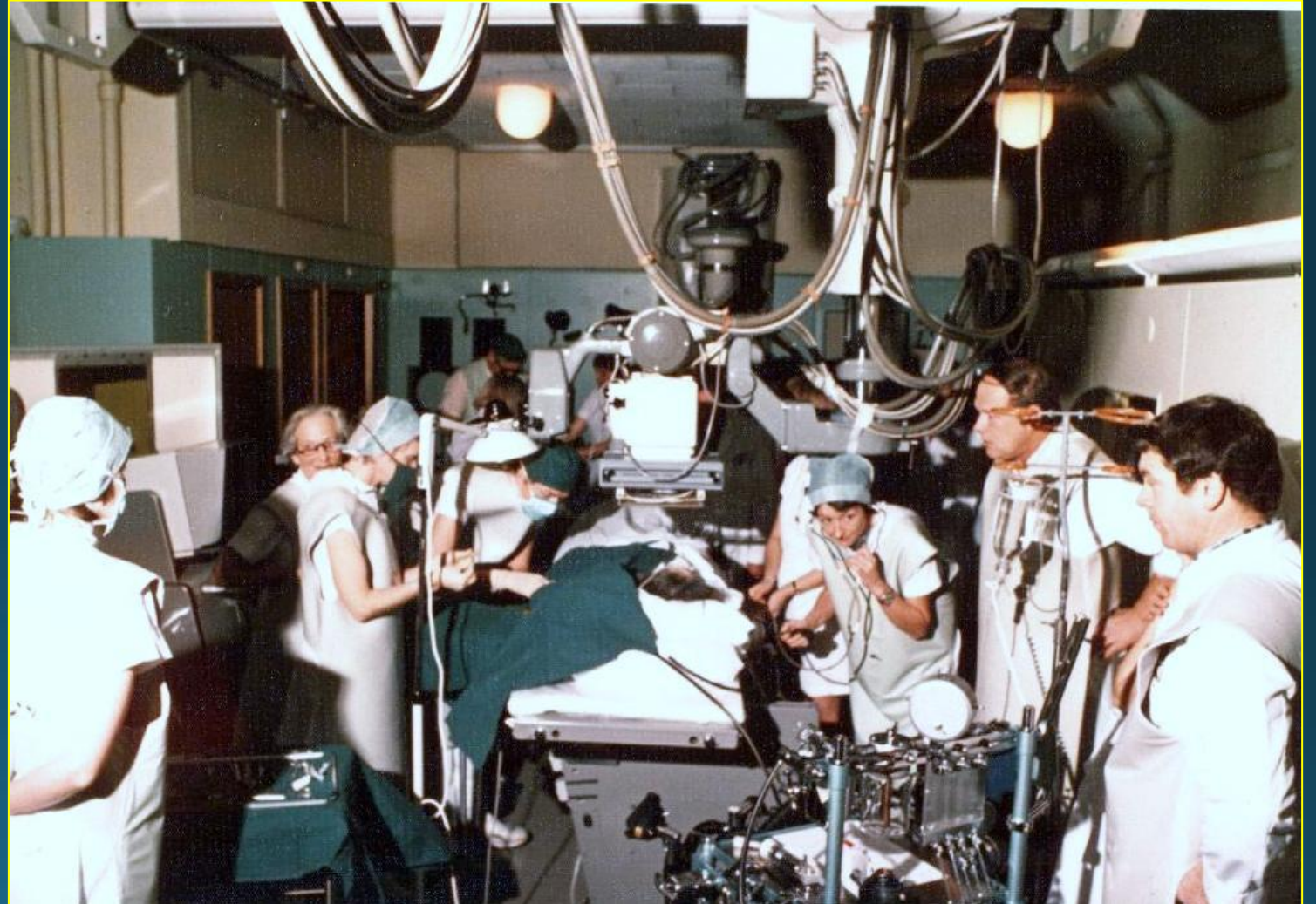
Sven Ivar Seldinger
Percutaneous Arteriography
1953

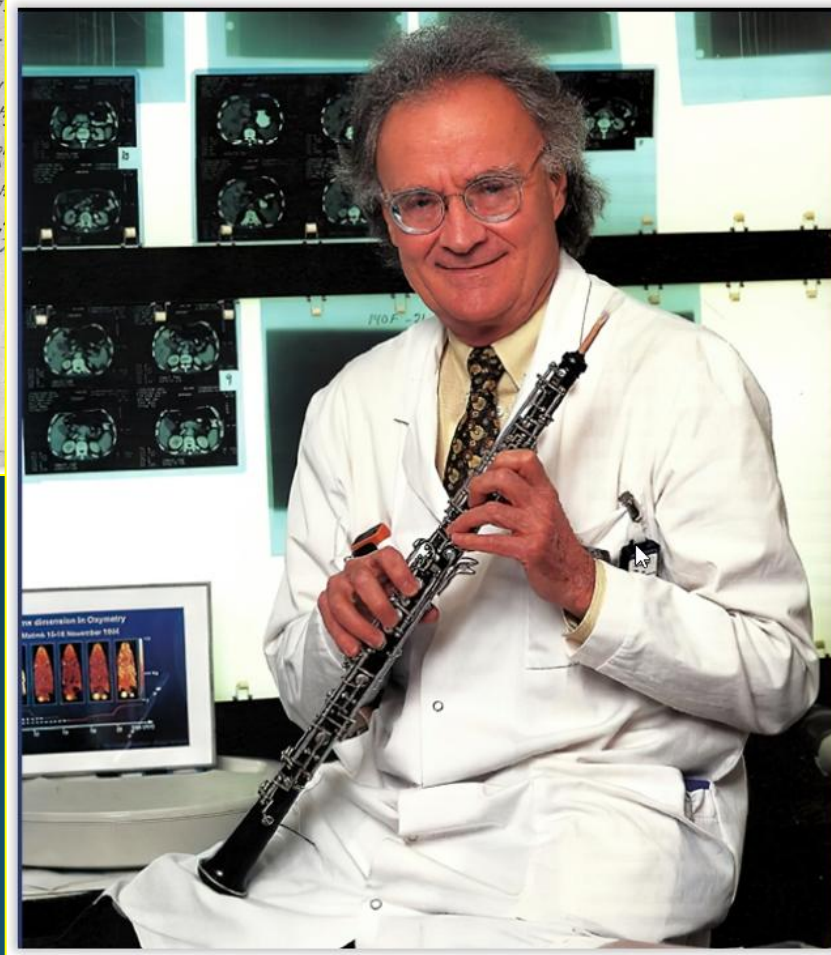
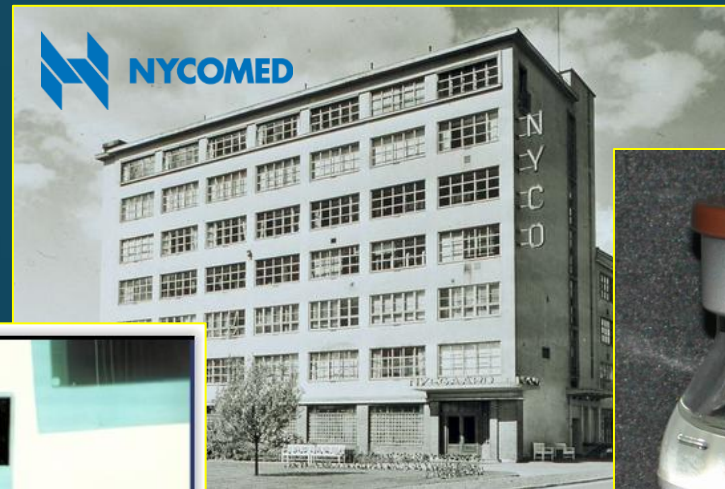
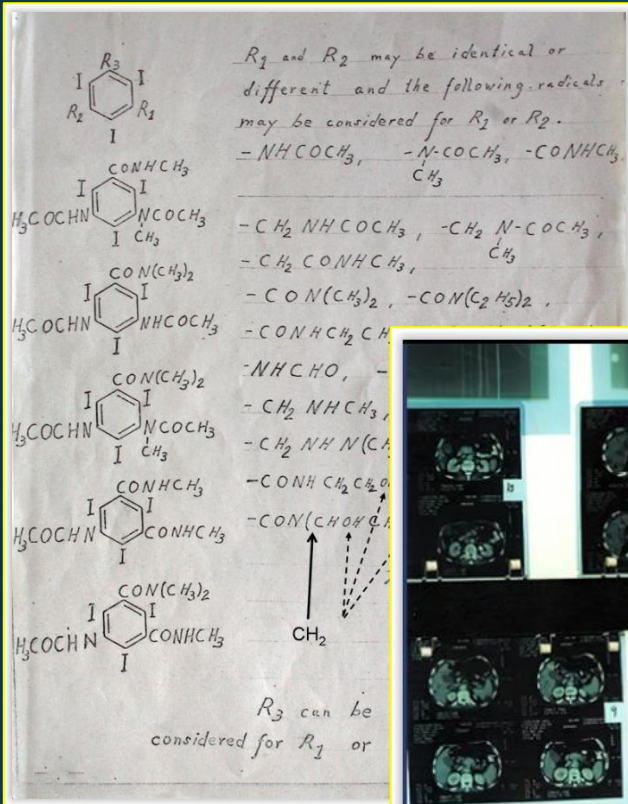
High osmolarity contrast medias

Diodrast
Urolectan
Iodopyracet

Lipiodol
Thorotrast

Pain
Allergic reactions
Nefrotoxic



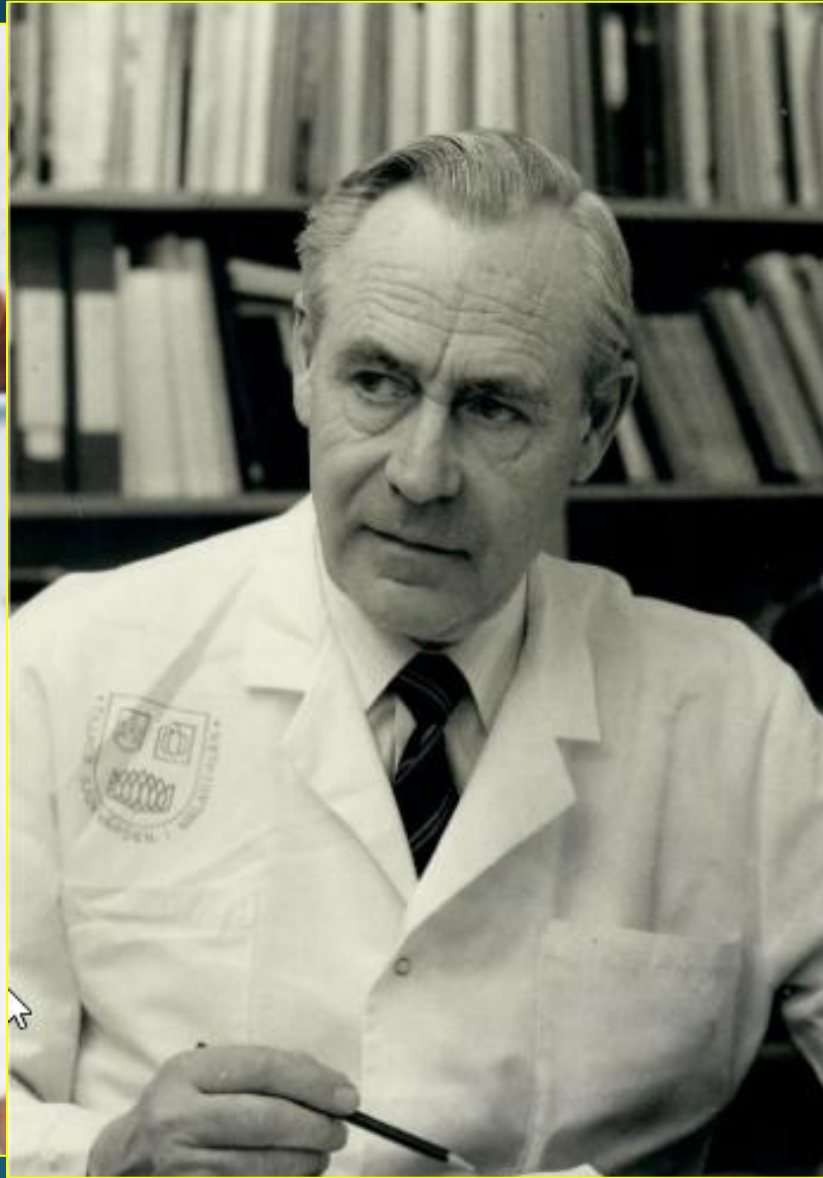


Torsten Almén
 Low ionic contrast media 1970
 Non-ionic contrast media 1982



1968

Prof. Takahiro Kozuka
from Osaka
Visits Prof. Olle Olsen
in Lund



1969-1971

Associate Professor
Tatsuo Kumazaki
work in Stockholm at
Thorax Radiology and Central
Radiology Department,
Karolinska hospital by
Professor Björn Nordenström

July 1985



Japanese and Scandinavian radiologists discussed the purposes of establishing a joint society at the International Congress of Radiology in Hawaii

On April 1, 1986, the Scandinavian-Japanese Radiological Society was officially founded at Oslo



Protokoll från konstituerande sammanträde i koordinationsgruppen Japanese Scandinavian Radiologic Society.

Lokal: Musto Lammas, Kuopio

Tid: 86-06-06 kl. 12.00-13.30

Närvarande: Danmark	J. Praestholm
Finland	E. Koivisto
Island	A. Brekkan
Norge	T. Aakhus
	I. Enge
Sverige	N. Gabrielsson
	B. Nordenström

Firmarepresentant T. Renaa

1. B Nordenström som varit sammankallande hälsade välkommen.
2. Bakgrunden till sammankomsten tecknades av B Nordenström. En ung japansk radiolog, Tatsuo Kumazaki, arbetade 3 år i Sverige i början av 70-talet. Han var imponerad av skandinavisk radiologi och ville utöka samarbetet mellan japansk och nordisk radiologi. Kumazakis chef, Prof. Kozuka, är också entusiastisk för denna idé. Tanken har även vunnit gehör hos vissa företrädare för japansk medicinsk-teknisk industri och i Skandinavien hos NYCOMED. Den senare firman stod som värd för en sammankomst i juli 1985 i anslutning till världskongressen på Hawaii. Skandinavien representerades här av ett fåtal radiologer från varje land. Man beslöt då att i Japan bilda en japansk-skandinavisk intresseförening och uttryckte en önskan om att en liknande grupp skulle bildas i Skandinavien. Under det år som gått har man i Japan bildat en förening med stadgar och medlemsavgift och japansk industri har visat stort intresse för att stödja denna organisation.

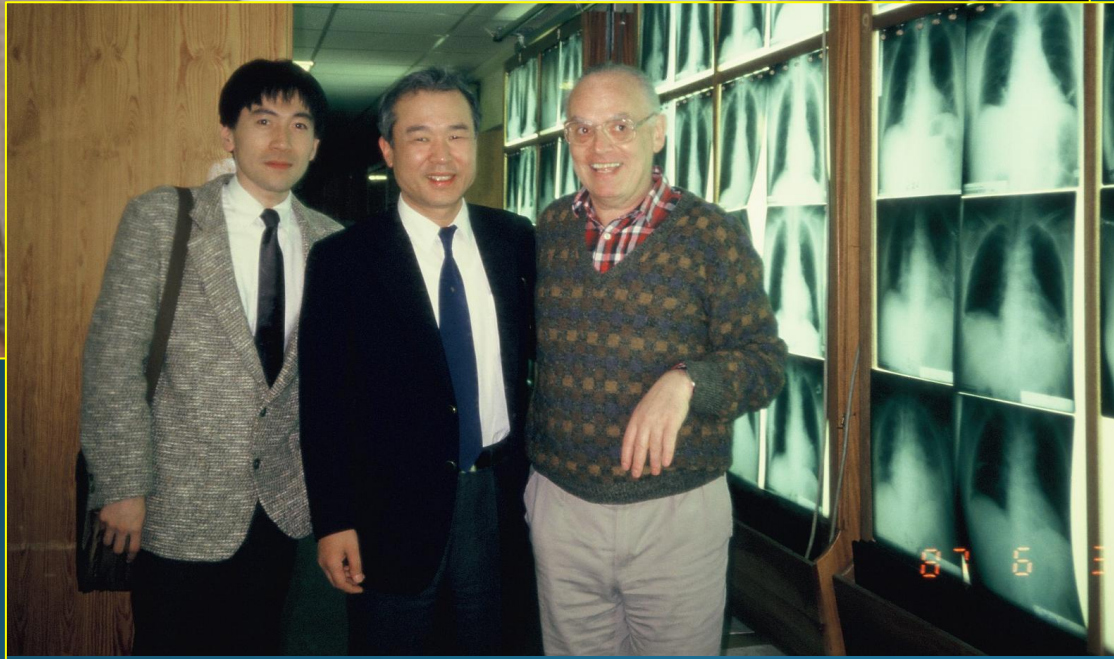
June 6th 1986 Nordic Congress of Radiology in Kuopio

1986

1th exchange

Hiroyuki
Tajima

from
Nippon Medical School
To
Karolinska
Thoraxkliniken
by
Alfred Szamosi





1986 Ivar Enge

1987 Frode Lærum



1990 Hans Ringertz

1990 Martti Kormano



Invited speakers to meetings in Japan

Nordic Japan PACS symposium

1980 Proposed by PM Nakasone

1985 Delegation to Scandinavia

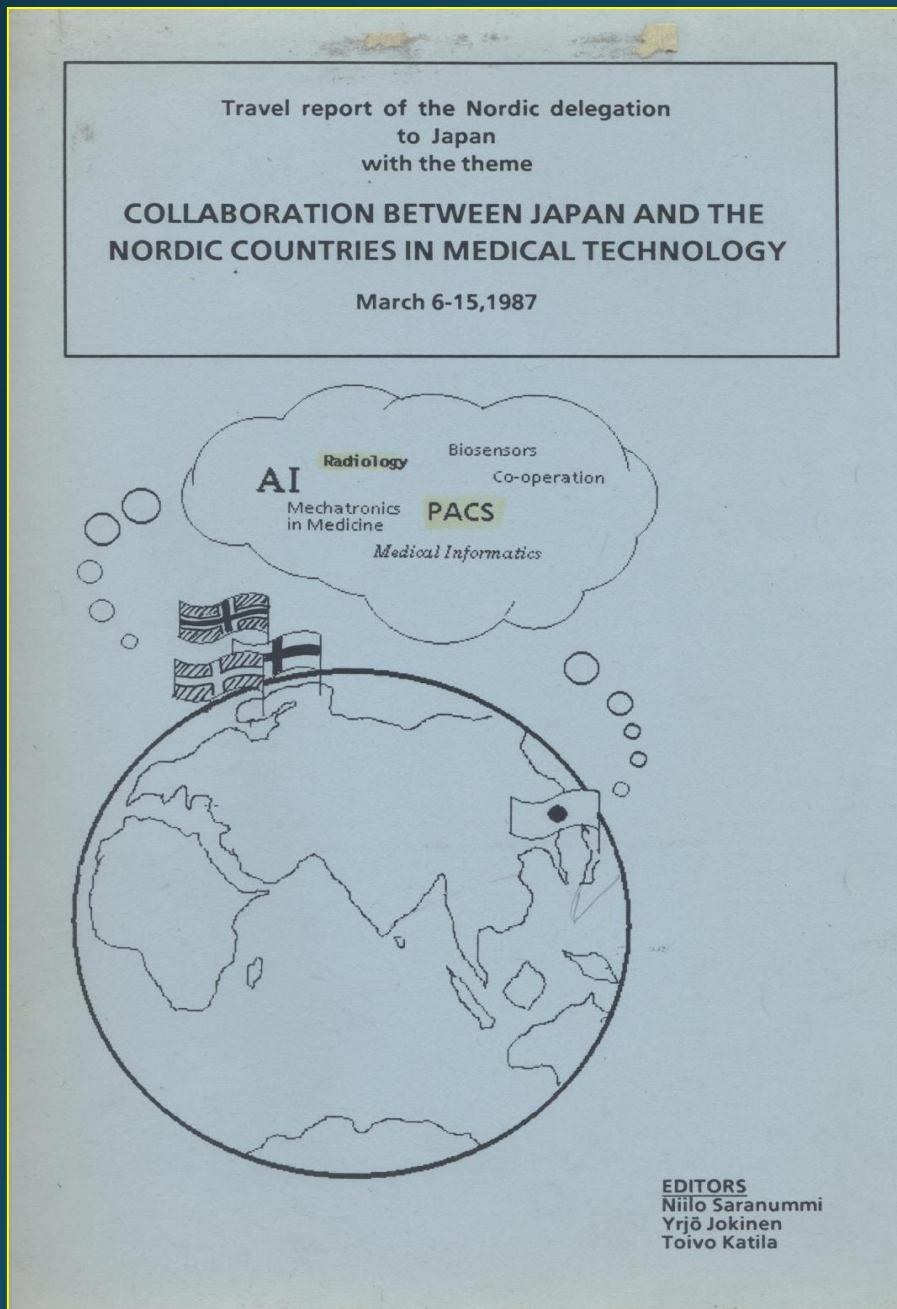
1987 Delegation to Japan

1990 First symposium in Tokyo

1991 2nd symposium i Tampere

1992 3rd symposium i Osaka

1993 Joint meetings with JSRS



American College of Radiology National Electrical Manufacturers Association

1983:

First **ACR-NEMA 300-1983** standard released

Defined a way to transfer images and related data.

Limited adoption due to complexity and lack of network support.

1988 (Version 2.0):

Improved structure but still lacked flexibility. Still not widely adopted.

1993:

Official release of **DICOM 3.0**
Major redesign from ACR-NEMA standards

Introduced **network communication protocols** (built on TCP/IP)

Object-oriented data model (images + metadata bundled together)

Defined **services** (store, query, retrieve, print)





Bergen meeting 2018

Nordic Japan PACS symposium



Nordic Japan Imaging Informatics Symposium

All public and private Norwegian hospitals and institutes were fully digitized by 2005

Kiyonari Inamura



Hiroshi Kondoh



Hiroyuki Tajima

1992 Exchange
in PACS and MRI



President Takihiro Kozuka
1993 Tokyo



President Hans Ringertz
1996 Stockholm



President Tatso Kumazaki
1998 Kobe



President Frode Lærum
2001 Oslo



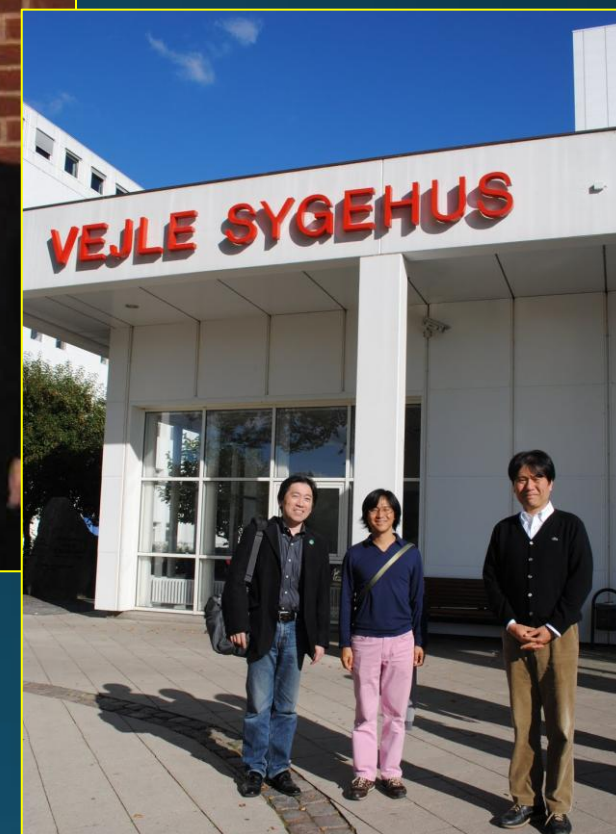
President Takaaki Hosoya
2004 Yamagata



President Peter Aspelin
2006 Stockholm



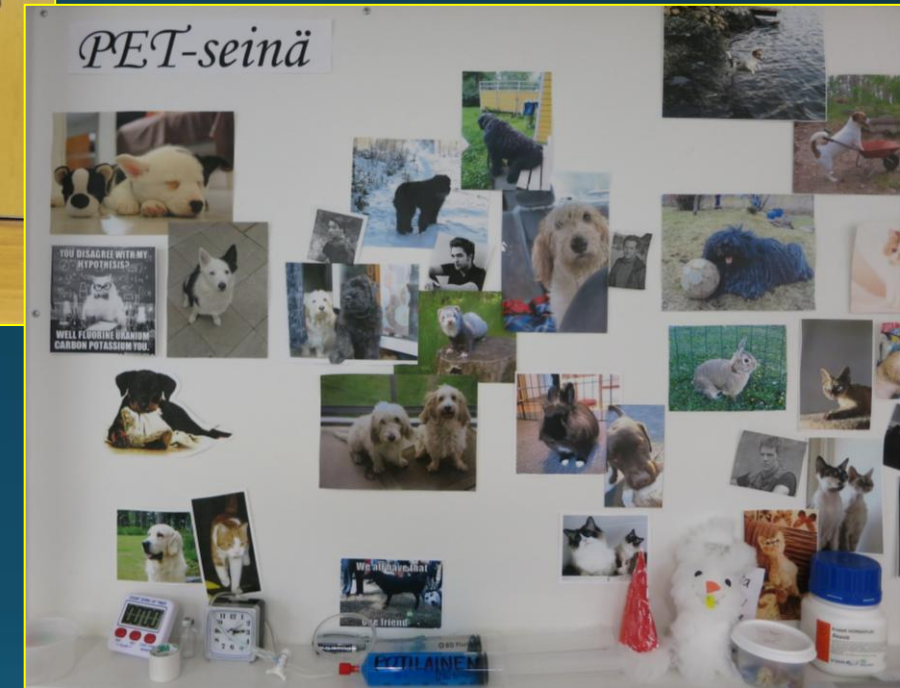
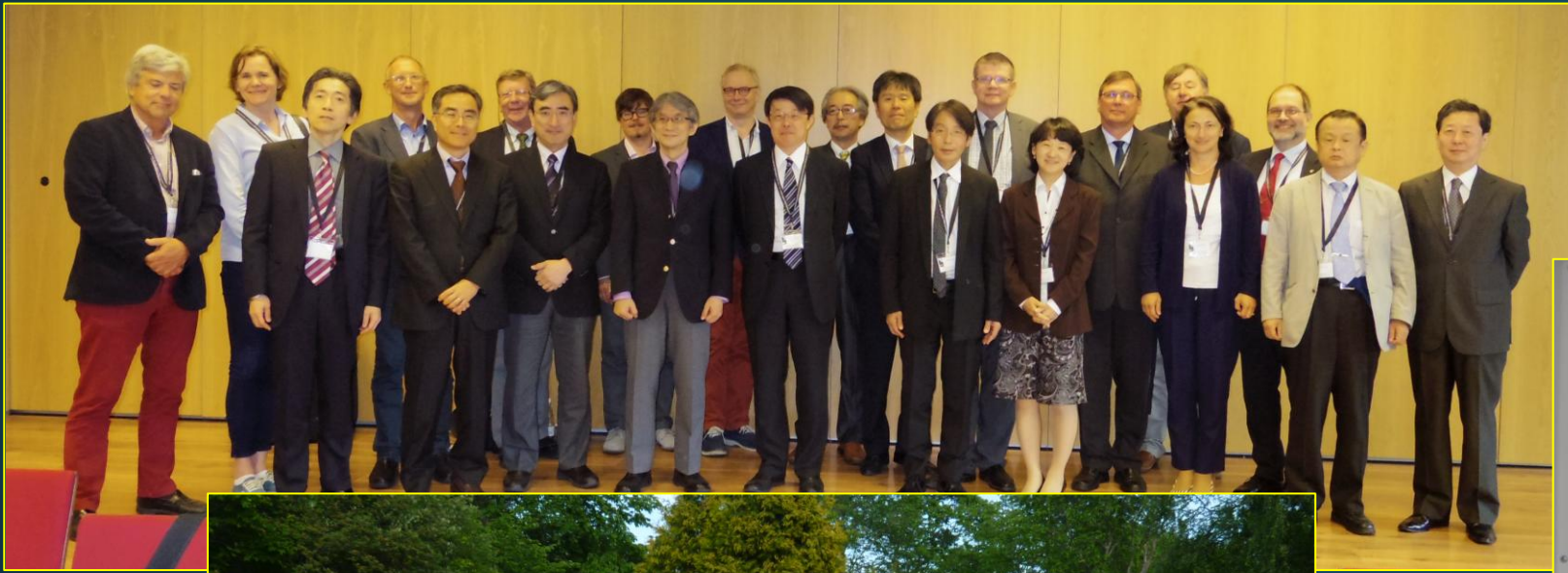
President Hiroyuki Tajima
2008 Tokyo



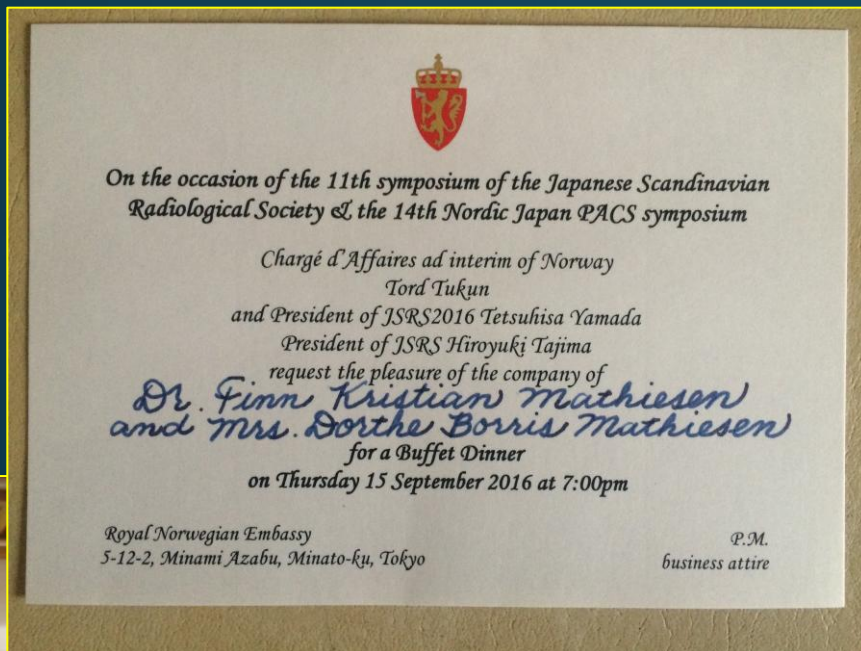
President Finn Mathiesen
2010 Vejle



President Hiroko Tsunoda
2012 Tokyo



President Hannu Aronen
2014 Turku



President Tetsuhisa Yamada

2016 Tokyo



President Ingfrid Salvesen Haldorsen
2018 Bergen

Progress in Radiology 2021

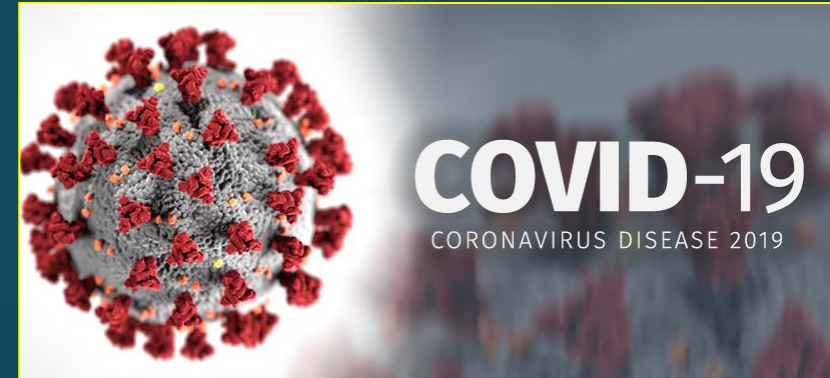
13th Symposium of the Japanese Scandinavian
Radiological Society
& 16th Nordic Japan Imaging Informatics Symposium

Date: September 29·30·October 1, 2021

President of JSRS2021: Masamitsu Hatakenaka, M.D., Ph.D.

Professor, Department of Diagnostic Radiology, Sapporo Medical University

JSRS2021 will be held All-virtual (zoom webinar)

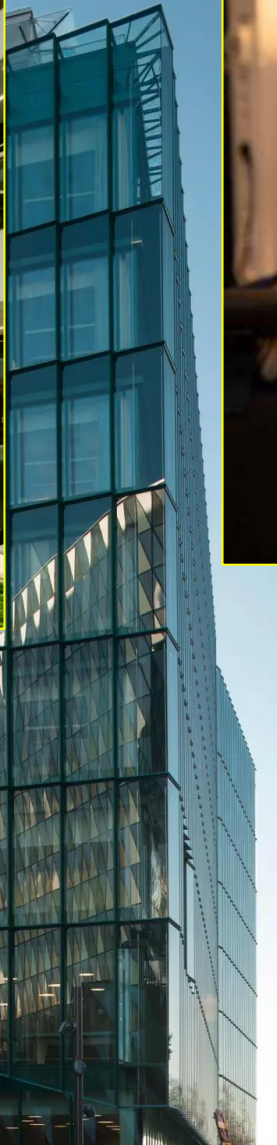


Online



President Masamitsu Hatakenata

2021 Sapporo



President Rimma Axelsson
2023 Stockholm



President Yoshito Tsushima
2024 Gunma



Takahiro Kozuka

2016



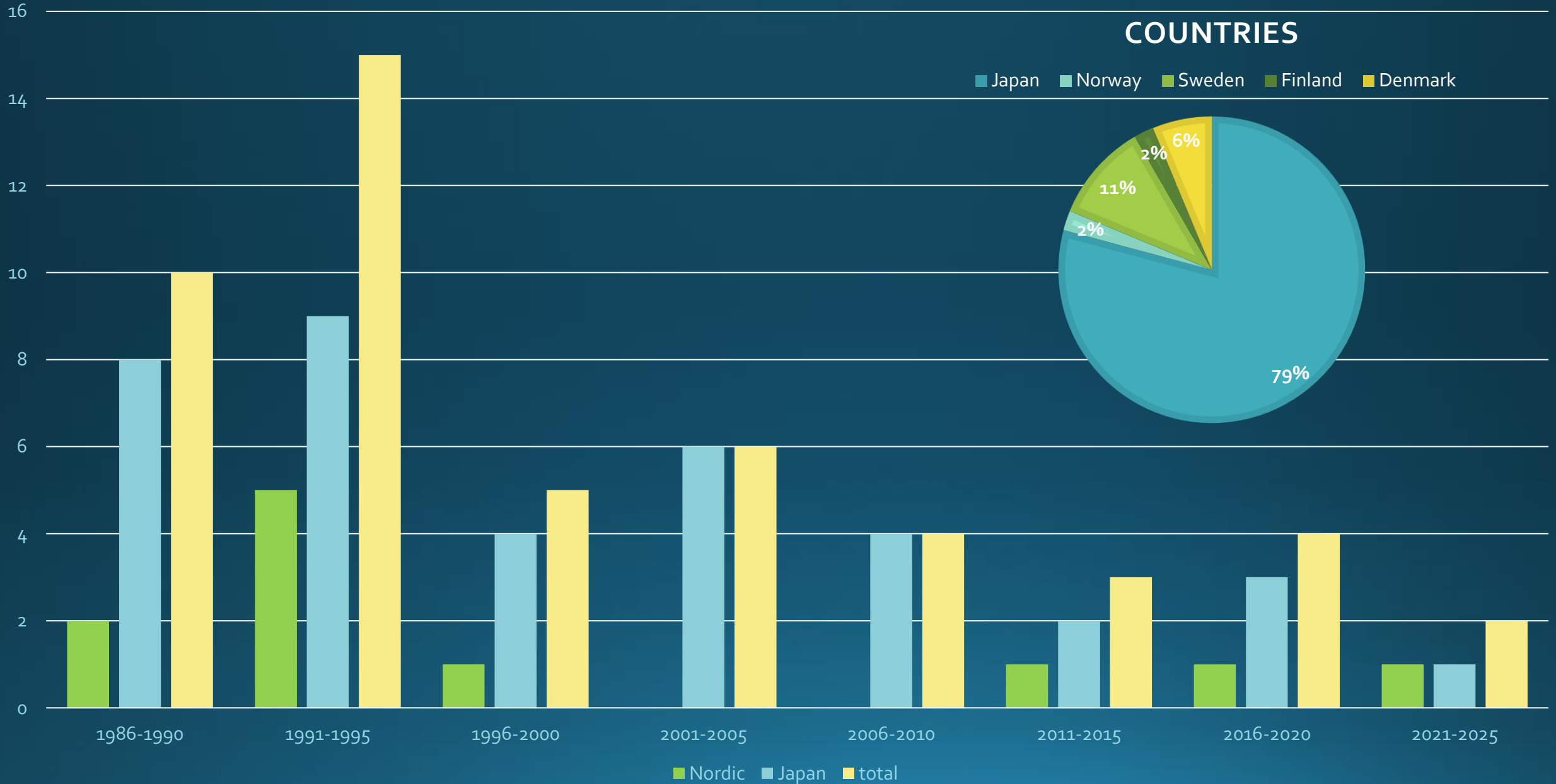
Tatsuo Kumazaki

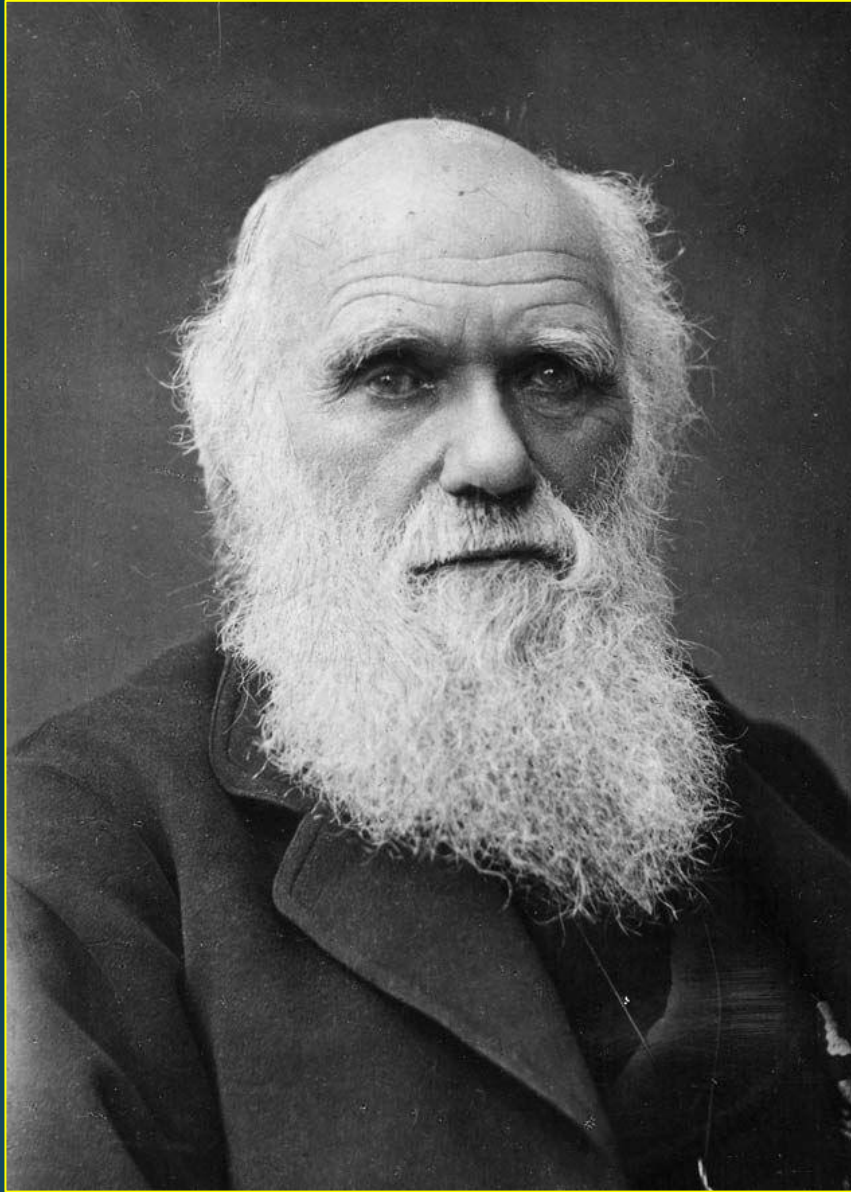


Kiyonari Inamura

2012

Radiologist exchange





Charles Darwin (1809-1882)

Who are the survivors?

Not the strongest

Not the smartest

But those who can
adapt to change