



NUCLEAR MEDICINE IN SUS: CHALLENGES AND OPPORTUNITIES

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Radiopharmacist

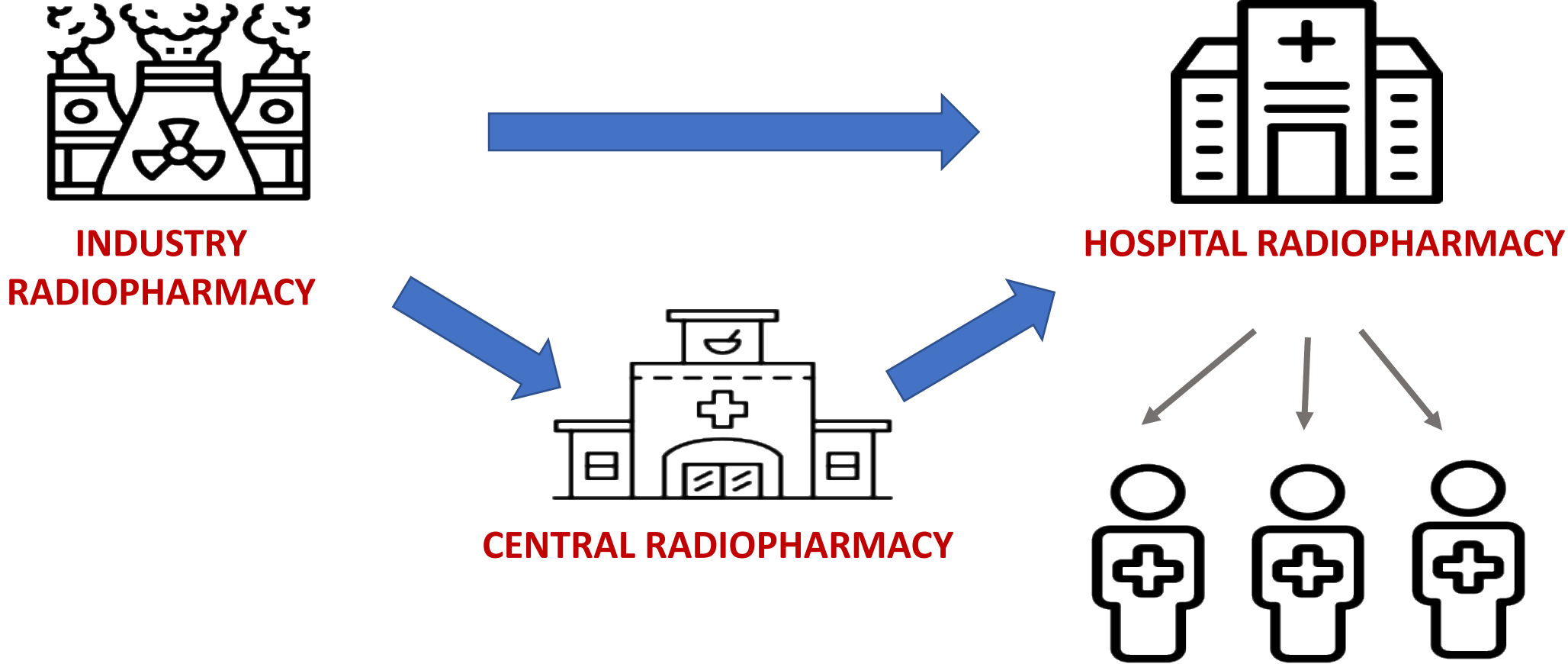
Head of Nuclear Medicine Service

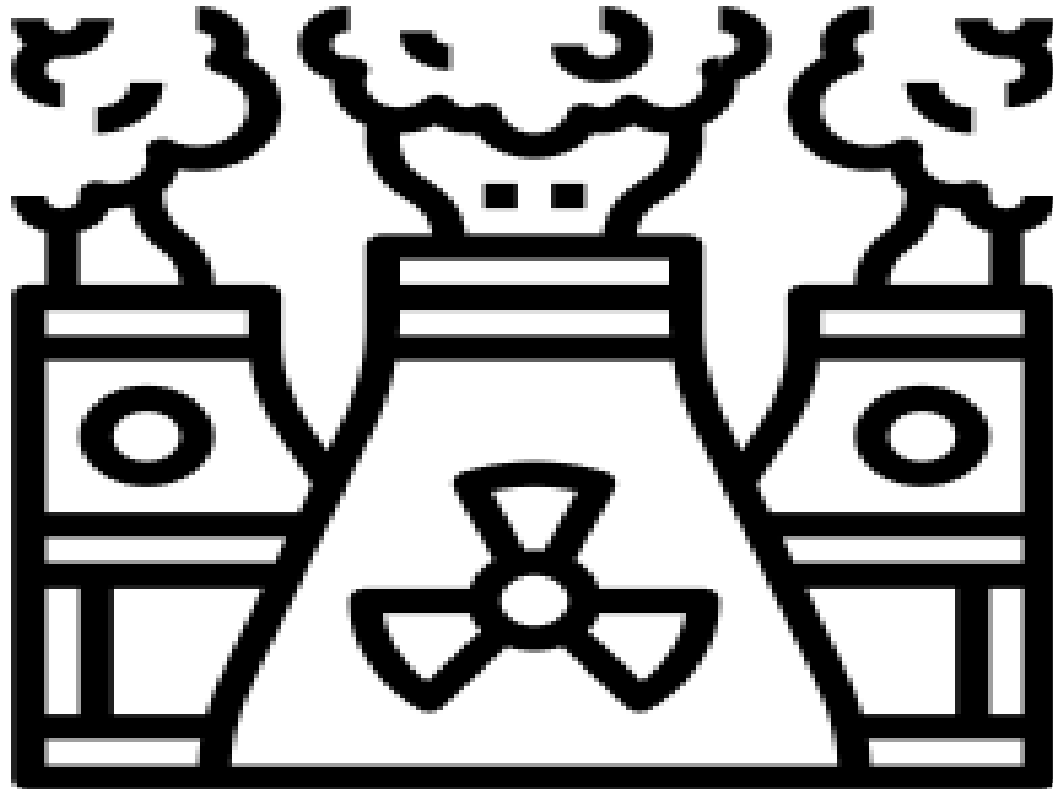
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FINANCIAL DISCLOSURE

There are no conflict of interests.

RADIOPHARMACEUTICALS IN BRAZIL





FEDERAL MONOPOLY

Brazilian 1988 Federal Constitution
Art. 21, Inc. 23

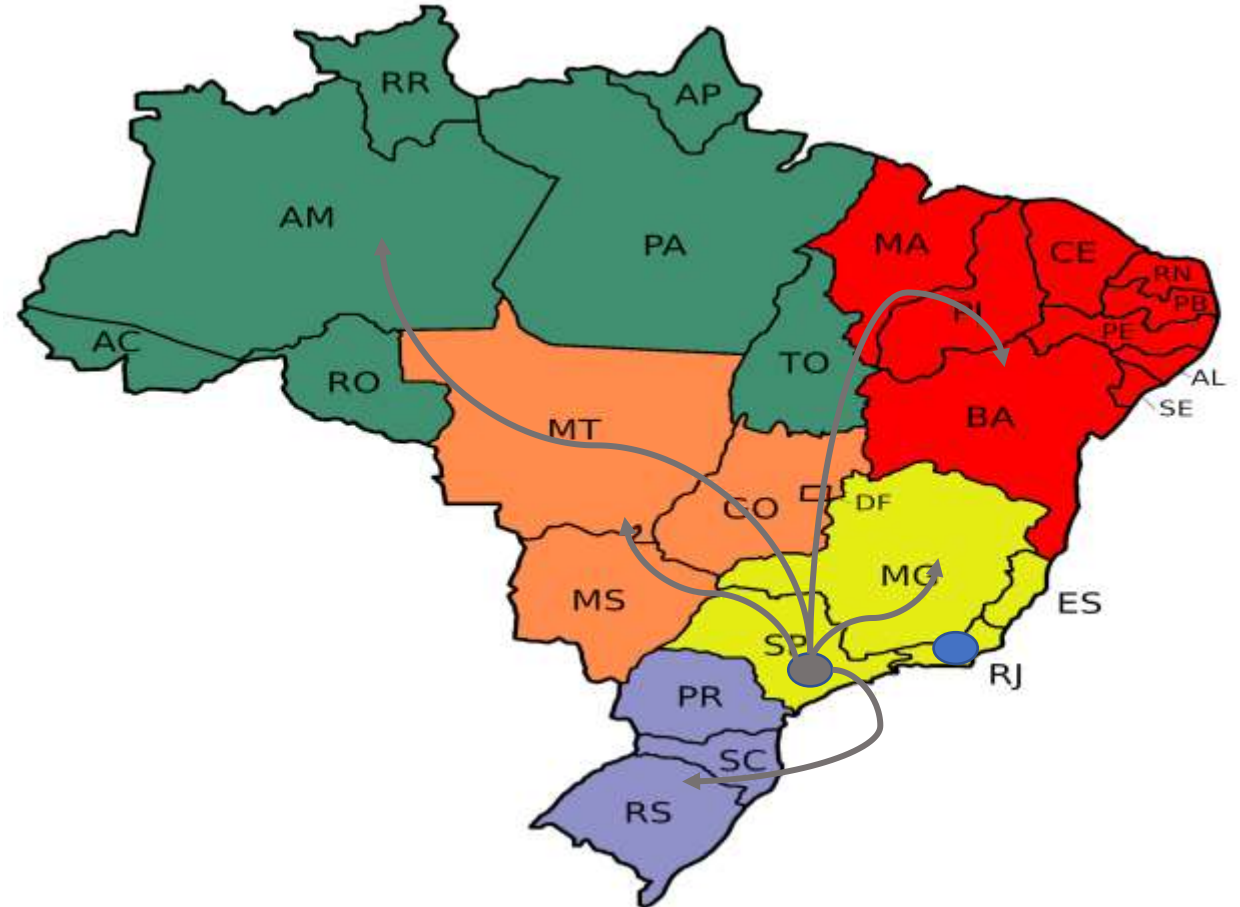
FLEXIBILIZATION

EC49/2006 Radiopharmaceuticals $t_{1/2} \leq 2$ hours
EC517/2022 Radiopharmaceuticals $t_{1/2} > 2$ hours

RADIOPHARMACEUTICALS' COMMERCE IN BRAZIL



INDUSTRY
RADIOPHARMACY PRODUCING
RADIOPHARMACEUTICALS
 $t_{1/2} > 2$ hours

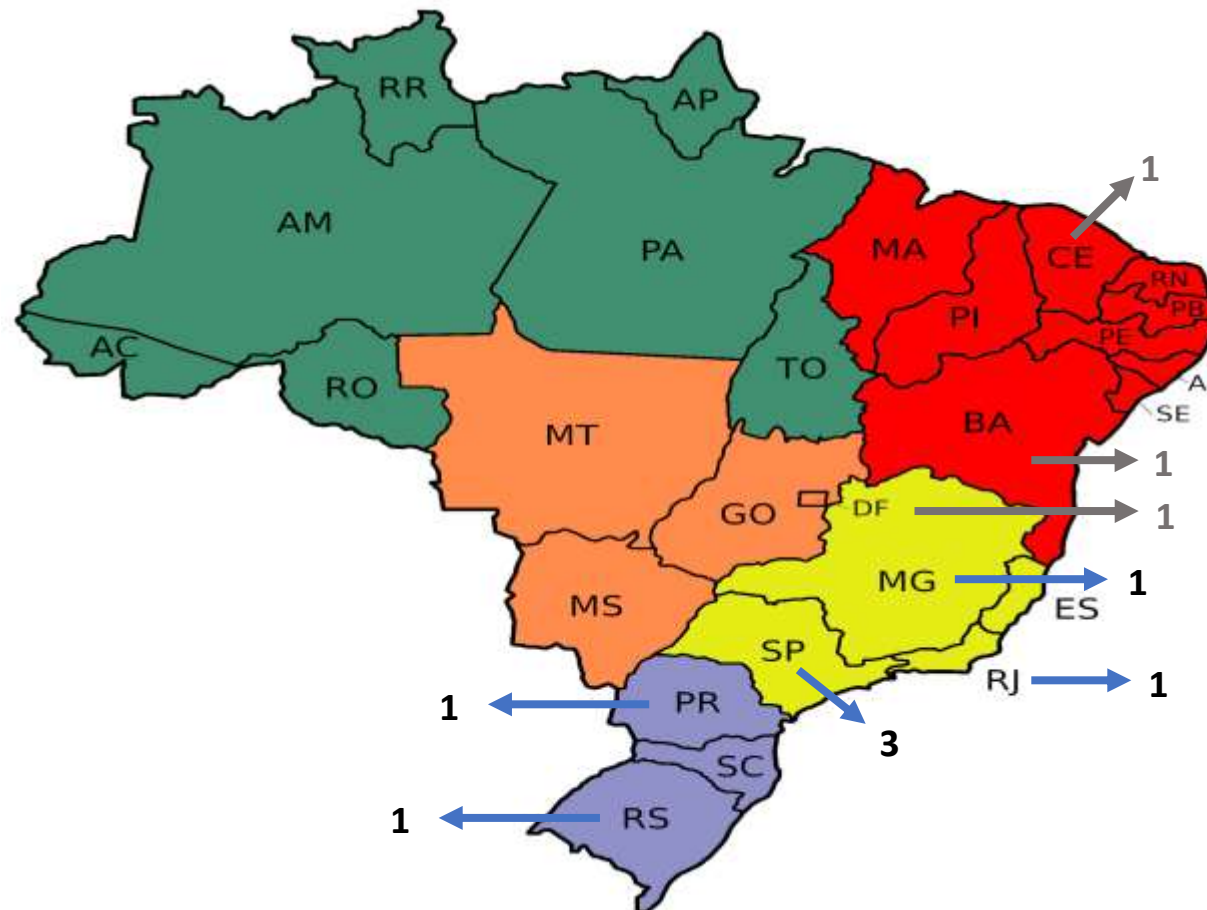


Data from CNEN, 2021

RADIOPHARMACEUTICALS' COMMERCE IN BRAZIL



INDUSTRY
RADIOPHARMACY PRODUCING
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 $t_{1/2} \leq 2$ horas

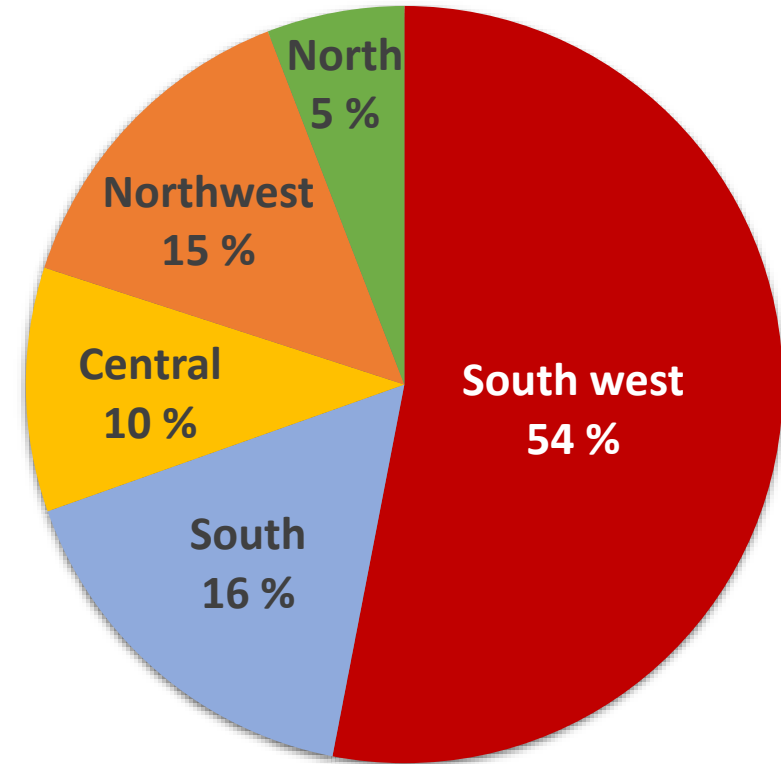
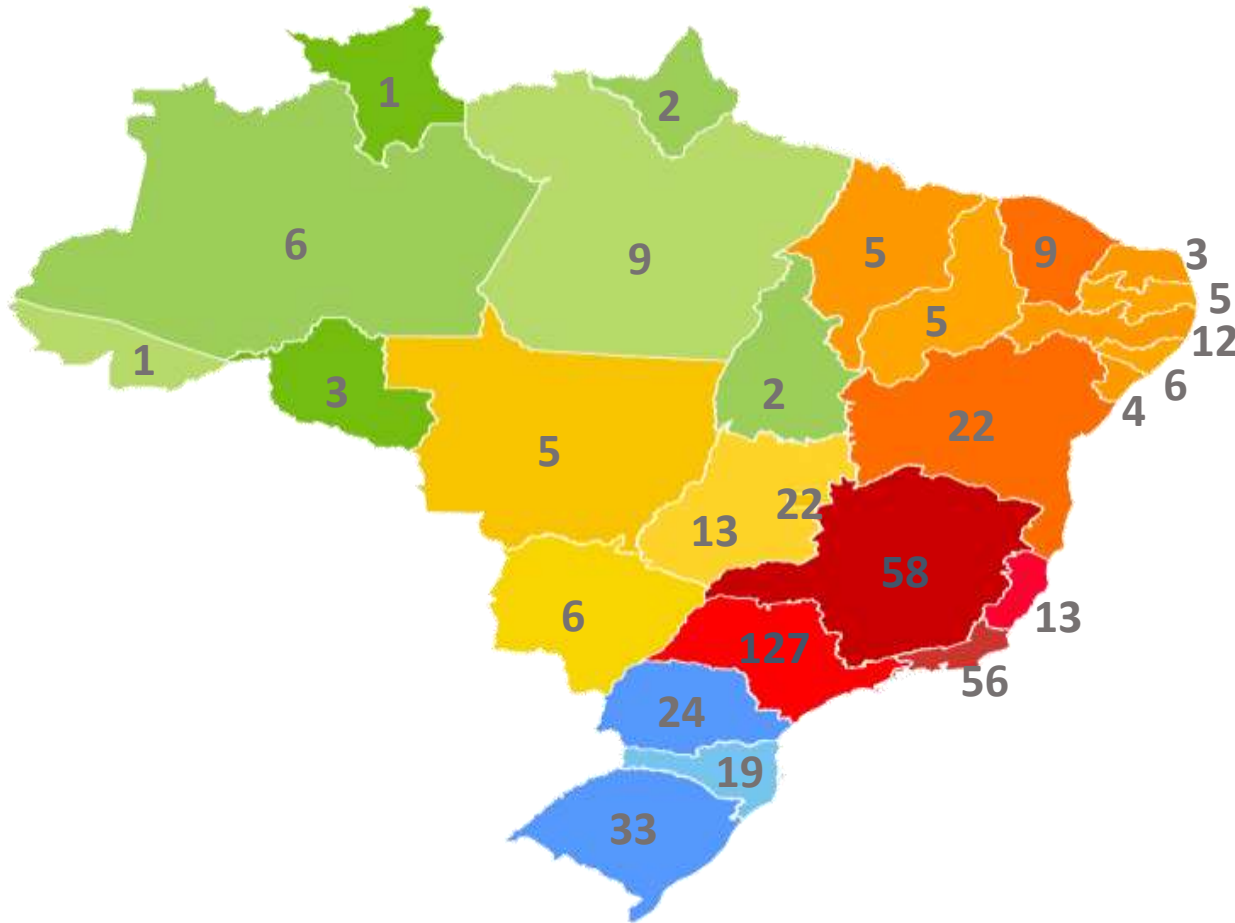


Data from CNEN, 2021

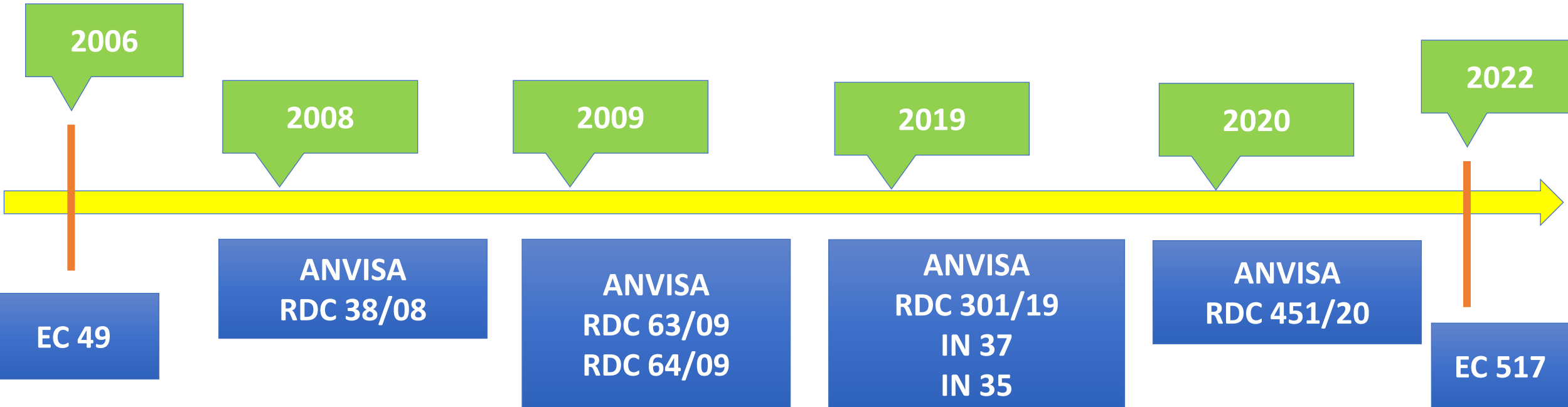
NUCLEAR MEDICINE IN BRAZIL



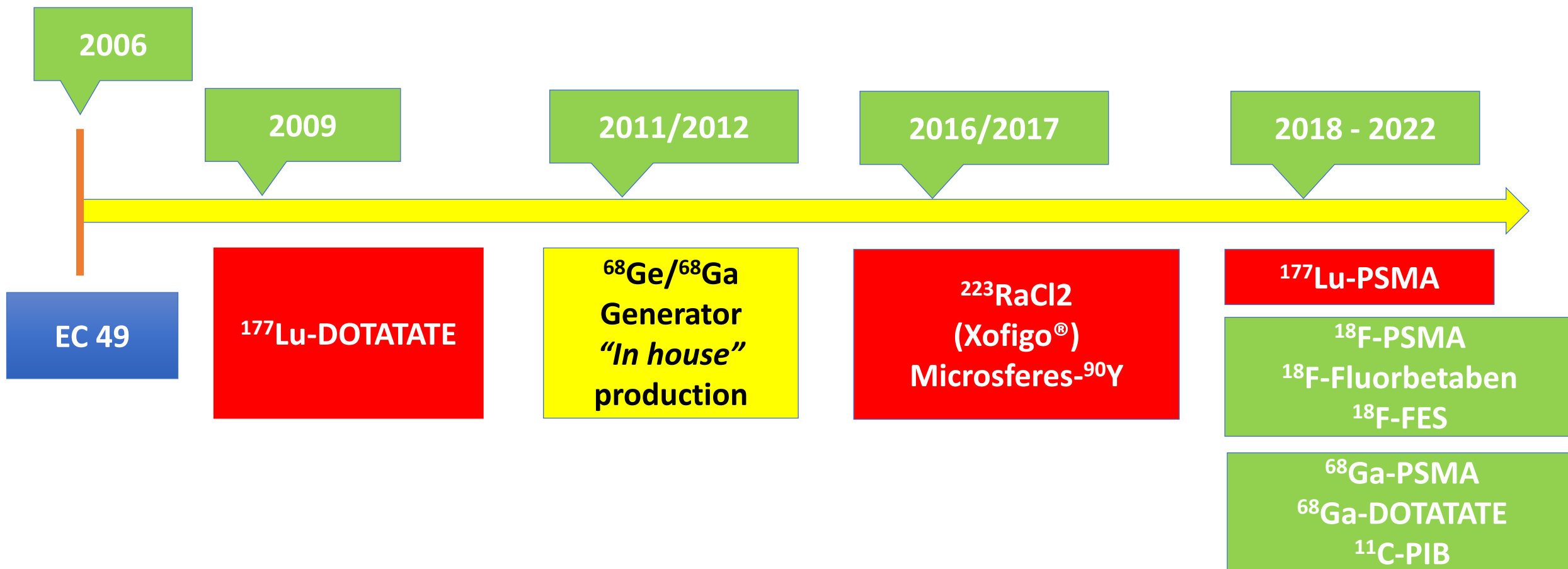
- ✓ 471 Nuclear Medicine Services
- ✓ 800 SPECTs/gama camara; 108 PET/CT
- ✓ ~ 1.500.000 procedures/year



REGULATION IN RADIOPHARMACY SINCE FIRST MONOPOLY FLEXIBILIZATION



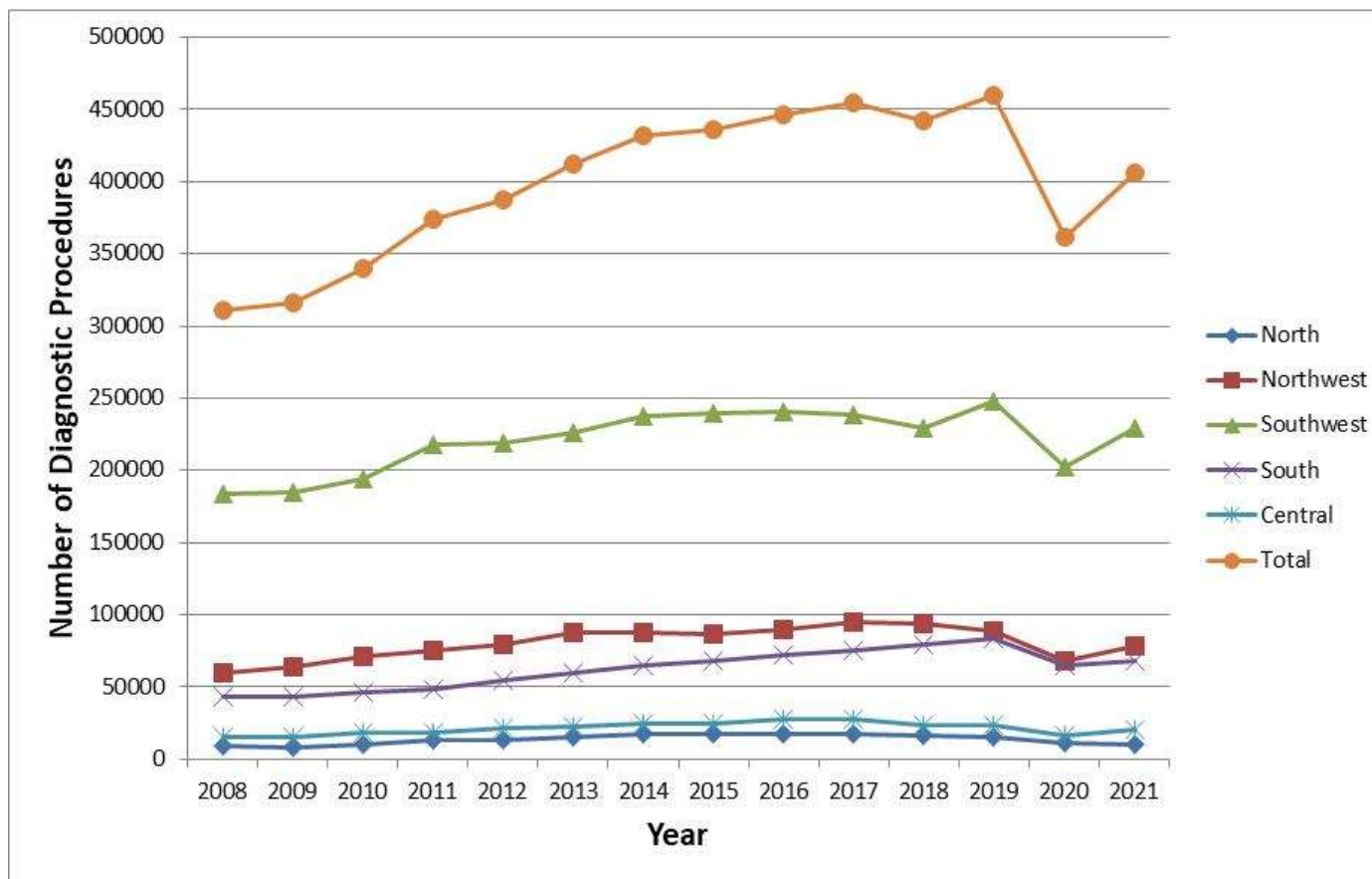
NEW RADIOPHARMACEUTICALS IN BRASIL SINCE FIRST MONOPOLY FLEXIBILIZATION



NUCLEAR MEDICINE IN SUS



- ✓ ~ 10 % of Nuclear Medicine Services; 30 % procedures
 - ✓ ^{18}F -FDG PET incorporated in 2014
- ✓ None of new radiopharmaceuticals incorporated



NUCLEAR MEDICINE IN SUS: CHALLENGES



NUCLEAR MEDICINE IN SUS: OPPORTUNITIES



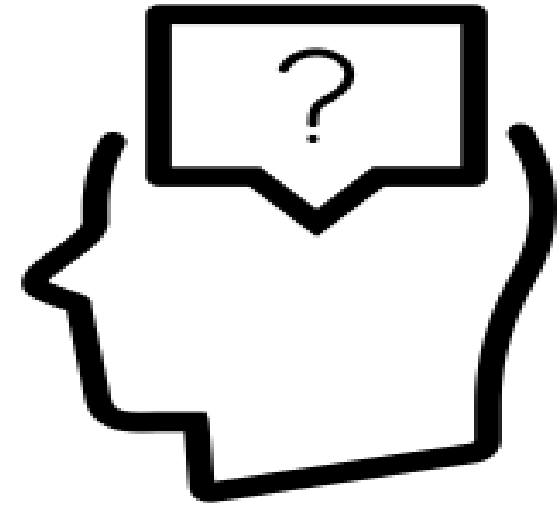
R & D

Teaching

Reference
Data
Publication

Partnership
Celebration

Plan for
technology
incorporation



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♡

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MINISTÉRIO DA
SAÚDE

