Digital Patient Summary in the Wallet:
Bridging the gap from Strategic Intend to Social Impact

Henrique Martins - President of the Board of SPMS
International Patient Summary

At minimum the IPS should include immunizations, allergies, medications, clinical problems, past operations and implants.” Supporting open tools and shared ready to use resources should lower the cost of standards adoption and advance interoperability adoption. Therefore, we envision the patient summary as a set of expandable building blocks. Building blocks are associated with health data models to accommodate structured and unstructured data.

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Health data “dispersion”
REGISTO DE SAÚDE ELETRÓNICO
ELETRONIC HEALTH RECORD
(National? or Personal?)
International Patient Summary

Strategic Intent

Citizens have scattered data, in multiple locations

Citizens have data in multiple systems

Citizens receive care in multiple places

Citizens receive care in multiple contexts

Citizens own their data

Citizens want to control their data...

Citizens want to write their health data

Citizens take pills (imagine... by them selves...)  

GREAT!!

Ego....

The MoH... the government....

Will provide a “nationwide unique application where all data is available at all times for all citizens, in all settings....

Anytime, Anyplace ERA
WRONG
The Citizen in the center of the system
International Patient Summary

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The citizen will gather, collect, analyse and validate, identify and question his/her health data, will “move” part of the data within, to him, to others, to the government for secondary use. The citizen will move his/her data to the care setting...

Information nomadicity ERA
International Patient Summary

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Information and DATA atomization... is NOT A PROBLEM...

But a new strategic advantage...
International Patient Summary

At minimum the IPS should include

*immunizations*
*allergies*
*medications*
*clinical problems*
*past operations*
*and implants.*

AND My STUFF
International Patient Summary

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allergies,
medications,
clinical problems,
past operations
and implants.”

AND My STUFF

Individual partial summary, that is a patient solution, personally shared, providing progressive sums of returns...
ELECTRONIC HEALTH RECORD
Citizen Portal – revamped!

Already know the SNS Portal? One unique place, all the health information.
Log in and register in the Citizen Area.
You can book consultations, renew medication, view the treatment guide, among other functionalities.
Simple and close to SNS, www.sns.gov.pt

New Citizen Area of the SNS Portal
Accompany your health

Login with

Password recovery?
4th year, new look, multiple authentication

Nova Área do Cidadão do Portal SNS
Acompanhe a sua Saúde
Citizen Portal: Patient Summary (your control, atomized)
My Patient Summary
PDF download
1st step in portability

Patient input

Professionals input

O Meu Resumo

Viagem? Leve consigo o seu resumo de saúde.

versão portuguesa

Descarregar

Medicação

Nome do Medicamento* Selezione um medicamento...
Toma atualmente? 
Início da Toma
Tipo de Toma* Oral

Preenchimento pelo profissional
Medicação
Não foram encontrados registo.
Managing and creating the patient summary
Professional Portal: Patient Summary

### Alergias

<table>
<thead>
<tr>
<th>Ortokom</th>
<th>Código</th>
<th>Descrição</th>
<th>Data</th>
<th>Reação</th>
<th>Estado</th>
<th>Severidade</th>
<th>Estado</th>
</tr>
</thead>
<tbody>
<tr>
<td>TERRA</td>
<td>9004</td>
<td>GATO</td>
<td>11-09-2012</td>
<td>REAÇÃO ALÉRGENICA (OUTRA SUBSTÂNCIA PRURIDO/AGENTE)</td>
<td>Ativo</td>
<td>LIGERA</td>
<td></td>
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<tr>
<td>TERRA</td>
<td>J01RA01</td>
<td>PENICILLINS, COMBINATION WITH OTHER ANTIBIOTIC</td>
<td>11-09-2012</td>
<td>INTOLERÂNCIA MEDICAMENTOSA</td>
<td>Ativo</td>
<td>GRAVE/MODERADA</td>
<td></td>
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</table>

### Medicação

<table>
<thead>
<tr>
<th>Substância Ativa</th>
<th>Dose</th>
<th>Forma farmacêutica</th>
<th>Data de início</th>
<th>Data de fim</th>
<th>Pesologia</th>
<th>Estado</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biliter 15 unidade(s)</td>
<td>6 mg</td>
<td>271</td>
<td>20-09-2012</td>
<td>20-09-2012</td>
<td>1 comp, 6 h, 16h</td>
<td>Ativo</td>
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</tbody>
</table>

### Vacinação

<table>
<thead>
<tr>
<th>Nome</th>
<th>Nome comercial</th>
<th>Dose</th>
<th>Data de administração</th>
<th>Lote</th>
<th>Estado</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vacina contra o tétano e a difteria</td>
<td>DESC</td>
<td>900</td>
<td>12-10-1997</td>
<td>DESC</td>
<td>Ativo</td>
</tr>
<tr>
<td>Vacina contra o tétano e a difteria</td>
<td>DESC</td>
<td>999</td>
<td>13-11-1997</td>
<td>DESC</td>
<td>Ativo</td>
</tr>
<tr>
<td>Vacina contra o tétano</td>
<td>DESC</td>
<td>999</td>
<td>10-02-1994</td>
<td>DESC</td>
<td>Ativo</td>
</tr>
</tbody>
</table>

### Diagnósticos

### Médicos
MySNS – Wallet: Your Patient Summary in your pocket
MySNS – Wallet:

1. **Portability** – the Patient Summary and additional relevant Health information directly in the Citizen’s possession.

2. **Tailoring** – the Citizen can choose what information is relevant for him, download only those cards, delete them or add new ones when he wants.
### MySNS – Wallet: NHS Access card

<table>
<thead>
<tr>
<th>Cartão de Acesso à Saúde</th>
</tr>
</thead>
<tbody>
<tr>
<td>A sua Informação administrativa no Serviço Nacional de Saúde</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>eGuia de Tratamento</th>
</tr>
</thead>
<tbody>
<tr>
<td>As suas Guias de Tratamento da Receita</td>
</tr>
<tr>
<td>Sem Papel</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cartão ADSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>O seu cartão ADSE em formato digital</td>
</tr>
</tbody>
</table>

### IDENTIFICAÇÃO

**N.º SNS:**
390309823

**NOME COMPLETO:**
HERNÂNI DAS NEVES DUARTE

**DATA DE NASCIMENTO:**
1976-09-03

**GÉNERO:**
MASCULINO

**MORADA:**
RUA Artur Bual, Nº 3, Sintra, Mem Martins, 2725-532, Lisboa

### CENTRO DE SAÚDE

**NOME:**
UCSP ALGUEIRÃO

**MÉDICO:**
SEM MÉDICO

**DATA DE INSCRIÇÃO:**
12/20/2005

**SUBSISTEMAS DE SAÚDE**
Sem Subsistemas de Saúde associados.

**BENEFÍCIOS**
MySNS – Wallet: ePrescription

Cartão de Acesso à Saúde

eGuia de Tratamento

N.º RECEITA: 3011000031701595104
DATA: 1/20/2017
LOCAL DE PRESCRIÇÃO: ASSOCIAÇÃO PROTECTORA DOS DIABÉTICOS DE PORTUGAL - LISBOA
PRESRICITOR: LUISA PEREIRA
ESTADO: Nova Receita

Ver Mais

Medicamentos Prescritos

N.º RECEITA: 3011000031140130605
DATA: 1/20/2017
LOCAL DE PRESCRIÇÃO: ASSOCIAÇÃO PROTECTORA DOS DIABÉTICOS DE PORTUGAL - LISBOA
PRESRICITOR: LUISA PEREIRA
PRESCRIÇÃO: Nova Receita

MEDICAMENTO: [Bayer CONTOUR NEXT], N.D., Frasco - 50 unidade(s)
QUANTIDADE: 6

Adicionar ao Calendário
MySNS – Wallet: new cards with new information

- Allergies;
- Vaccines;
- Procedures;
- Diagnostics;
- Medical Devices;
- Medication;
- Rare Diseases;
- Living Will;
- Emergency card;
- Blood Donor;
- Oral Health;
- ...
PROGRESSIVE SUMS – “Improving the Health of the Portuguese, card by card”
Live data “ambiguity”

Come out of the closet...

And open the “window”
ELECTRONIC HEALTH RECORD
A solução está na partilha!

Obrigado