



Challenge for ministries, health authorities and health insurances to effectively distribute and manage vaccination



Target Group - global

Ministries, Health Authorities & Health Insurances

Challenge

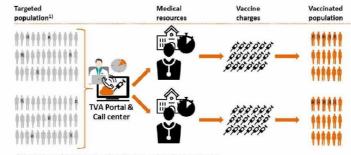
How to best utilize the limited supply of vaccines in order to minimize the impact of the epidemy and allocate the existing infra-structure without wasting resources

Targeted population ¹⁾		Medical resources	Vaccine charges	Vaccinated population
			→ \$55 -	**************************************
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²⁾ Whole population, including citizens non- with pre-existing conditions, essential wor			ents 🔳	

This service is under development and not commercially available. Its future availability cannot be ensured.

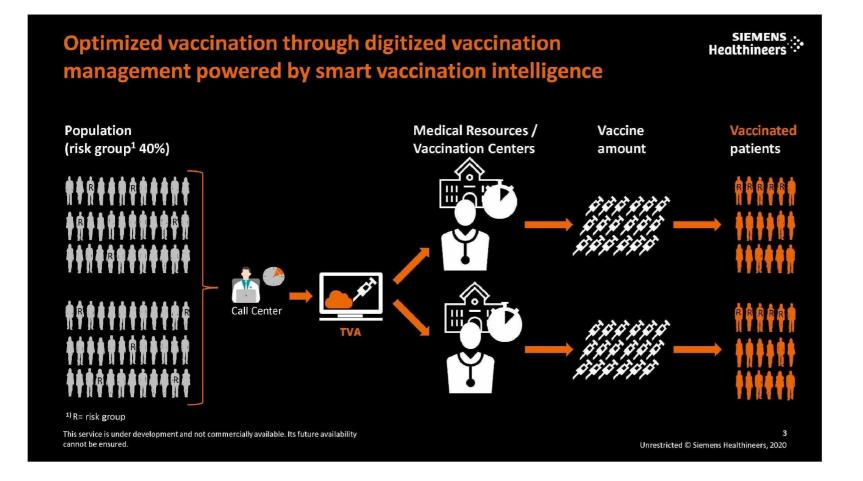
Solution

Effective distribution and optimized management of population vaccination by prioritizing risk groups and regions through the digitalization of the immunization process



pulation, including ottizens non-tested or healthy citizens; R: risk group (e-derly citizens, patien isting conditions, essential workers e.g. doctors, nurses, police, teachers)

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One solution provides the answer to four challenges in vaccine distribution



- · Algorithm creates vaccine distribution proposal
- Predefined prioritization patterns, according to your ethics council, and epidemiological data form the basis for proposals
- Steering and controlling of vaccine distribution through e.g. regional vaccine strategies
- Applying the transfer of a digital vaccine certificate
- · Digital vaccine certificate (optional)
- Connection of the digital vaccine certificate to e.g. the Corona App (optional)

Intelligent vaccine distribution



- Scheduling and appointment management with vaccinated person according to priority group
- · Automated vaccine ordering
- Vaccination education towards vaccine offered by the tool
- Software solution for organization and processing in the vaccination center

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Vaccination



Vaccination

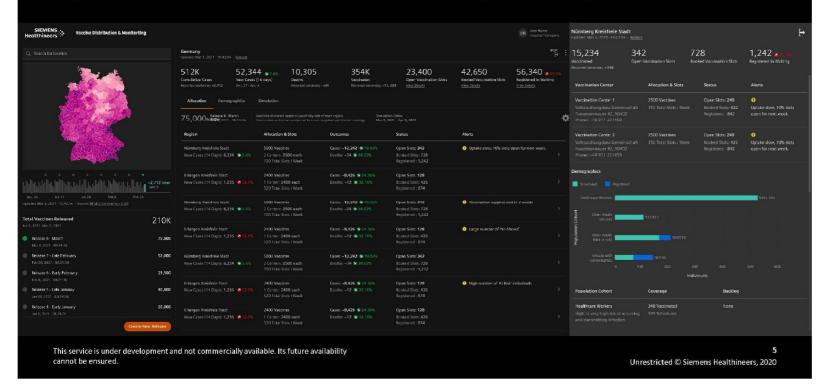
- Monitoring of the vaccination process
- Possibility to change priority criteria quickly and easily
- Side effect reporting and analysis, option for contraindication review and monitoring of feedback

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Dashboard on overview of vaccination allocation in different regions and simulation of vaccination strategy - Prototype



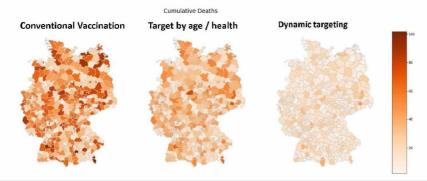


How are we addressing the dynamics of an epidemy in the vaccination distribution intelligence?



Smart Vaccination

Vaccination algorithm simulation (deaths)



Using big data to improve targeting

- Dynamic epidemic → Outbreak locations constantly changing
- Focus on age groups or pre-existing conditions not enough
- Regional outbreak dynamics data improve mortality/costs by up to 30%

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