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Cancer Network

## Integrated Regulatory and Commercial Planning: Internal Approaches and Value to Payers *UK perspective*

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## Integrated Regulatory and Commercial Planning

Payers – who are they?

↓

Decision Makers- what influences them?

↓

Value – how is this perceived?

**What about the patient perspective?**

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### Current situation for Cancer drugs in England

- ▶ **Payer**
  - Hospital → PCTS → Cancer Drugs Fund
  - Drug      Drug + Attendance      Drug
- ▶ **Decision Makers:**
  - Commissioners → Cancer Networks
  - Prescribers
- ▶ **Value:**
  - Commissioners → Cost effectiveness
  - Prescribers → Clinical effectiveness

**What about the patient perspective?**

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### Cancer Drugs Fund- assessment and evaluation of drugs – scoring criteria

- ▶ NICE, SMC, AWMSG
- ▶ Evidence - Phase 3 RCTs preferred
- ▶ Sliding scale for PFS/DFS/TTP or OS (only one used) use HR, p-value and NNT
- ▶ Quality of life

Criteria	Score
Good published evidence of a major improvement of QoL, using validated tool	2
Good published evidence of a minor improvement in QoL, using a validated tool	1
Little or no evidence of improvement of QoL, or no QoL data collected in the trial	0
Published evidence of a minor deterioration in QoL, using a validated tool	Minus 1
Published evidence of a Major deterioration in QoL, using a validated tool	Minus 2

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### Cancer Drugs Fund- assessment and evaluation of drugs – scoring criteria

Compared to existing treatment

- ▶ Toxicities, side effects
- ▶ Dose and route, number of cycles, associated medication
- ▶ Frequency of administration, inpatient stays, outpatient consultations, location of treatment
- ▶ Impact on service support; pharmacy, biochemistry, haematology, histology, radiology, radio-isotopes, CT scanning, MRI unit
- ▶ Degree of unmet need



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### Cancer Drugs Fund- assessment and evaluation of drugs – scoring criteria

OALY Value	Score for independent	Score for pharmaceutical company
< £10,000	8	4
< £20,000	6	3
< £30,000	4	2
< £40,000	2	1
> £40,000	0	0
None available	0	0



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### Going forward what additional information is required – for decision making

- ▶ Unmet need - Information on drug vs radiotherapy vs surgery
- ▶ Identification of specific patients for treatment - cytogenetic testing
- ▶ Cost of toxicities and side effects
- ▶ Impact on support services
- ▶ QoL – often missing - PROMs
- ▶ Adherence/ persistence information
- ▶ Value based pricing – definition of value and innovation!



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### So what needs to happen?

- ▶ Relevant information needs to be generated alongside clinical trials
- ▶ Maybe trials need to be redesigned to take account of what is happening in the real world?
- ▶ Involvement of commercial at an earlier stage in product development
- ▶ Involvement of payers at an earlier stage in product development!



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# Questions?



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## The ongoing healthcare reform and its impact on DAK's contracting strategy

ISPOR 14th European Congress

Dr. Cornelius Erbe

Madrid, November 7, 2011

## DAK: Germany's longest-standing and third-largest statutory health insurance company is a quality leader



Germany's third largest nationwide health insurance company

Health experts since 1774

Approx. 5.6 million insured, approx. 8.0% market share

835 offices nationwide

Approx. 14,500 capable and friendly employees

Annual expenditures [2009]:  
EUR 16.1 billion in health insurance  
EUR 1.7 billion in nursing care

Test winner – many awards for quality performance and services



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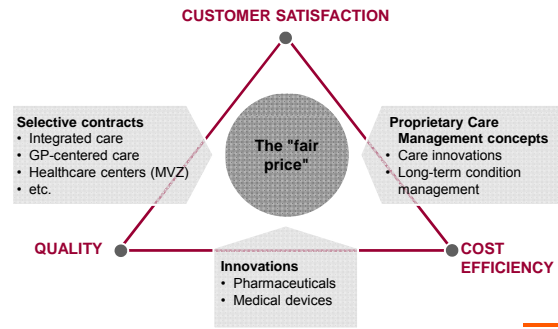
## Agenda

- A. Introduction: the "fair price"
- B. Measuring the effects in healthcare reality
- C. Evaluating an "innovative" product relative to standard care
- D. Deriving DAK's strategy based on the findings

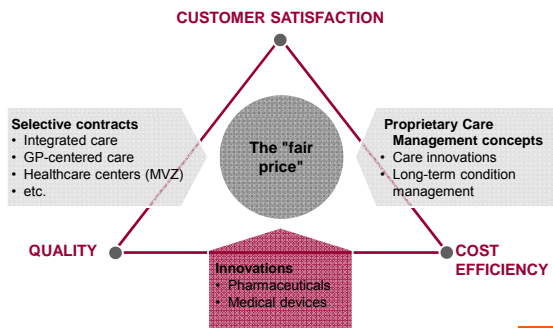
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A. Introduction: the "fair price"

How can we determine the "fair price" of DAK-specific care concepts?

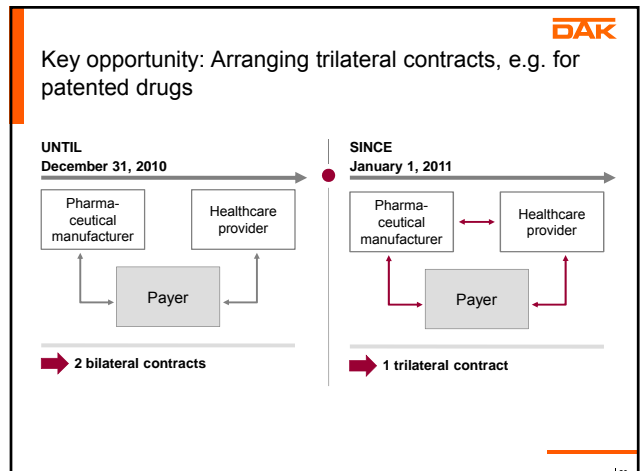
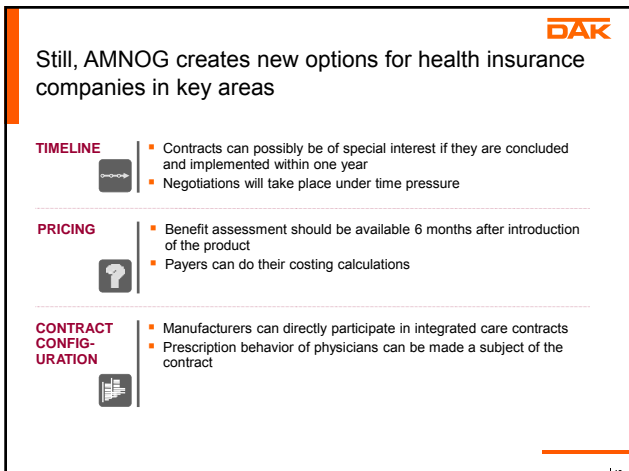
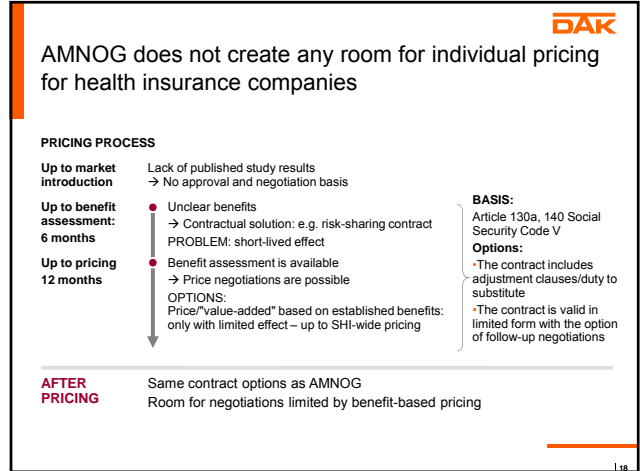
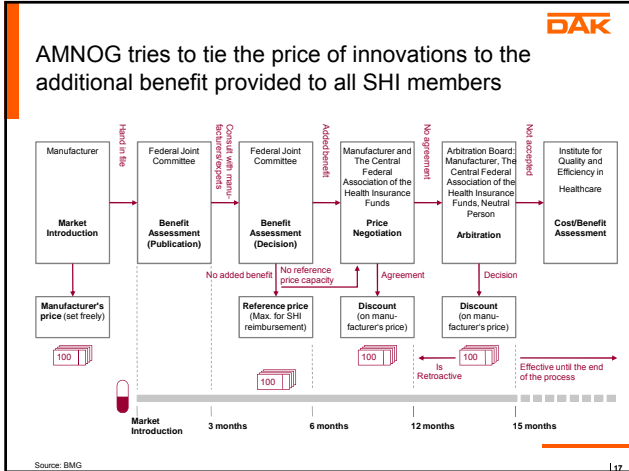


Finding a fair price for DAK customers is a challenge – especially for pharmaceuticals



Consistent pricing in the pre-AMNOG world is increasingly being replaced by individualized prices

	Pre-AMNOG world	Post-AMNOG world
Quality	Generally high	High for individual health insurance companies
Target group	All SHI members	Only DAK members
Service providers involved	All accredited service providers	Approved certified service providers
Access to service	All	Clearly defined target group
Benefits	Same for all SHI members	Specific to DAK members
Price	Same for all health insurance companies	DAK-specific



To identify the "fair" DAK-specific price, the effects must be measured correctly

**Challenge in price identification**

- How can the **effects of new methods** be assessed in a **holistic manner** and **across all service sectors**?
- What **change** does the **innovation** produce **compared to standard care**?
- How can we **produce significant results**?
- How can the **effects be mapped in real time** so that steering can take place as fast as possible?
- How can the **results** in different persons **be reproduced** at different points in time?

**B. Measuring the effects in healthcare reality**

DAK has developed a systematic procedure for measuring the success of care activities

**Background and requirements**

- All insured must be considered**
- Description of benefit payouts for each insured in all sectors
  - All cost shifts between sectors must be mapped

**The background of the insured population must be considered**

- Age and gender
- Basic illnesses
- Service history
- ...

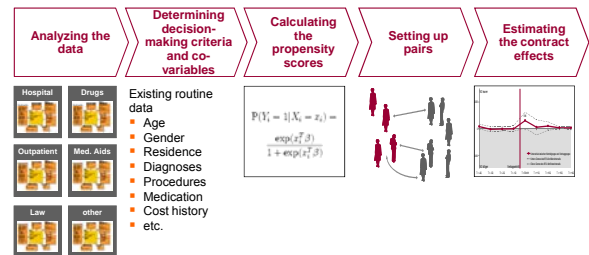
**DAK approach to measuring success**

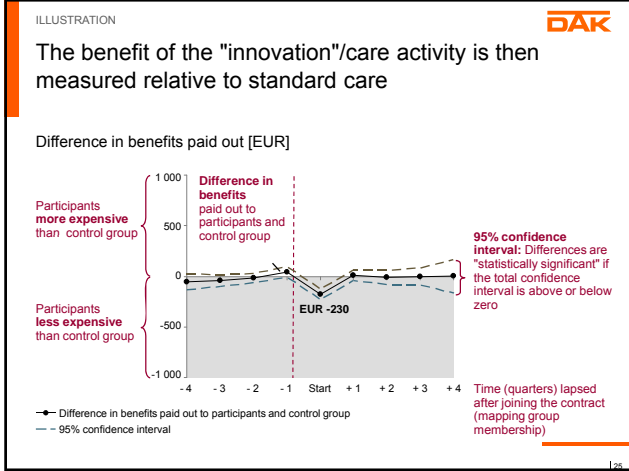
DAK success measuring looks at the total of all service events for the insured in question (= participants)

- A suitable mathematical procedure helps create a risk-adjusted control population**
- Risk adjusted using up to 35 routine parameters

**Comparing** the development of the participants against the control population **based on up to 1,200 parameters shows the success** of the action

The procedure is based on all routine service data, and the results can be reproduced

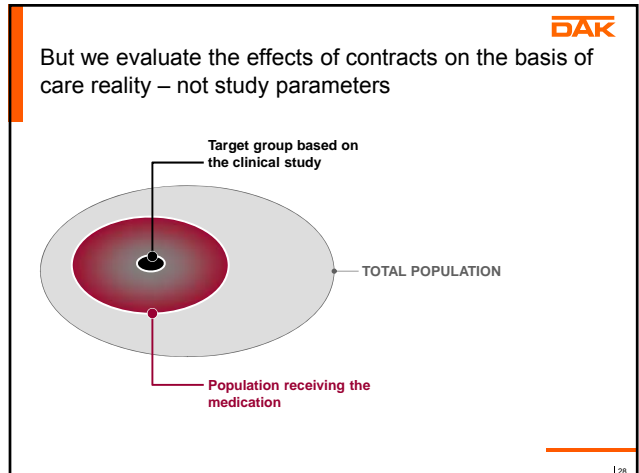
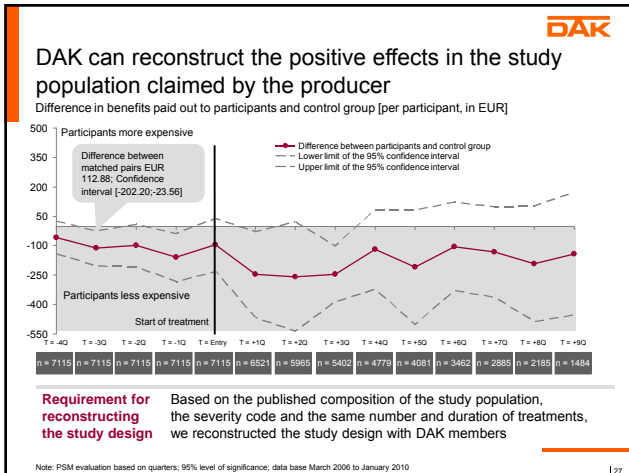


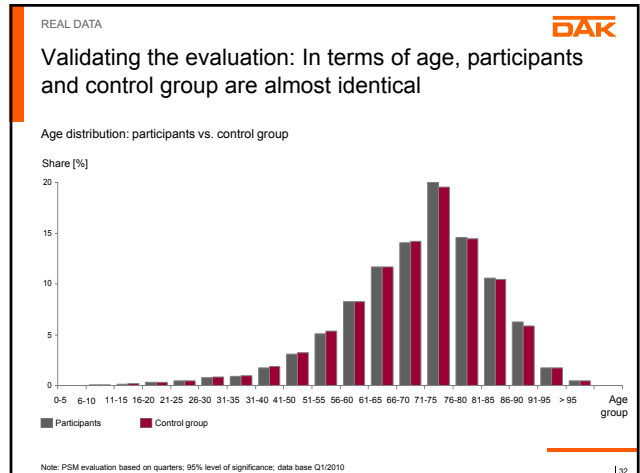
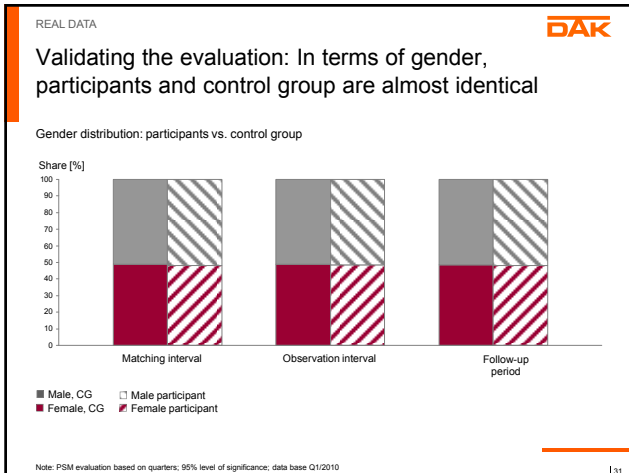
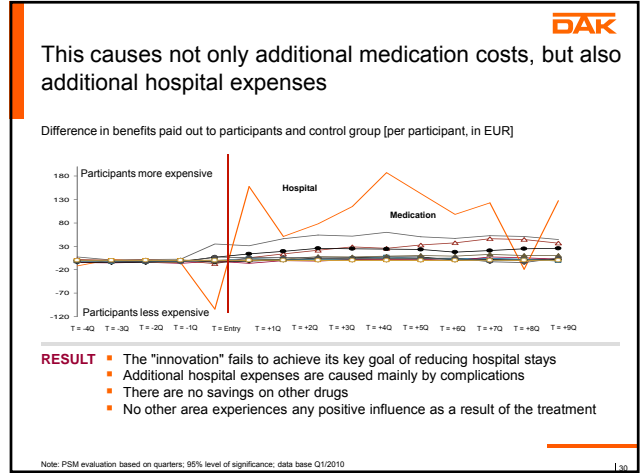
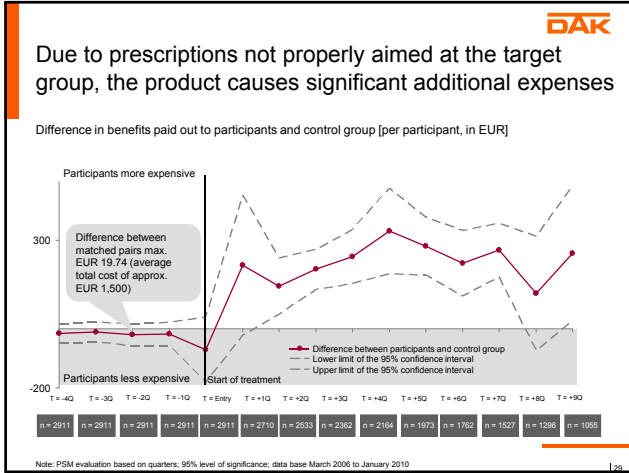


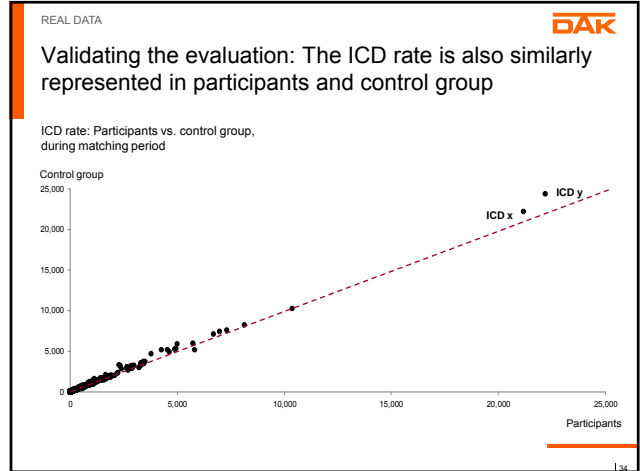
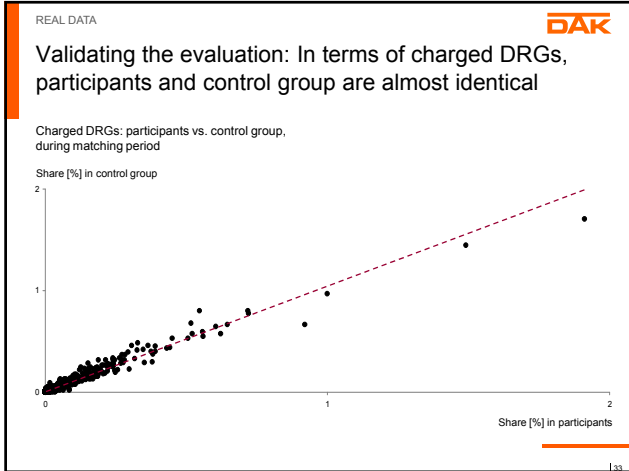
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### C. Evaluating an "innovative" product relative to standard care

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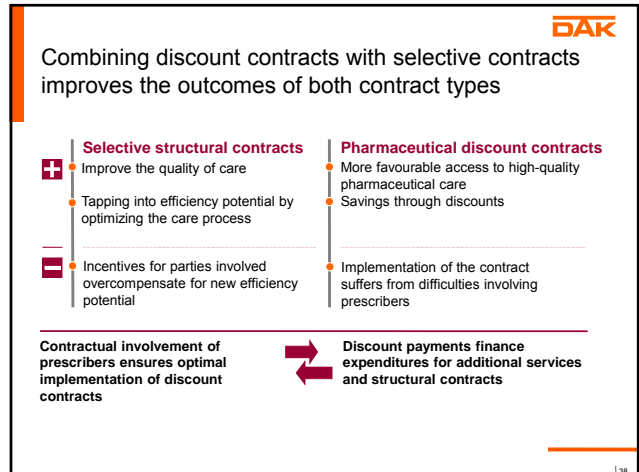
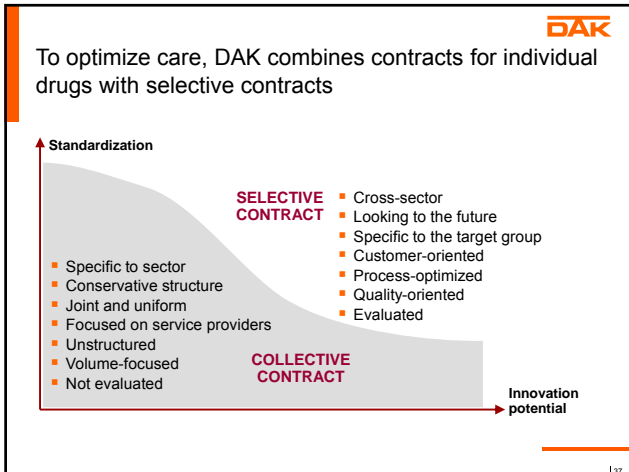


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**D. Deriving DAK's strategy based on the findings**

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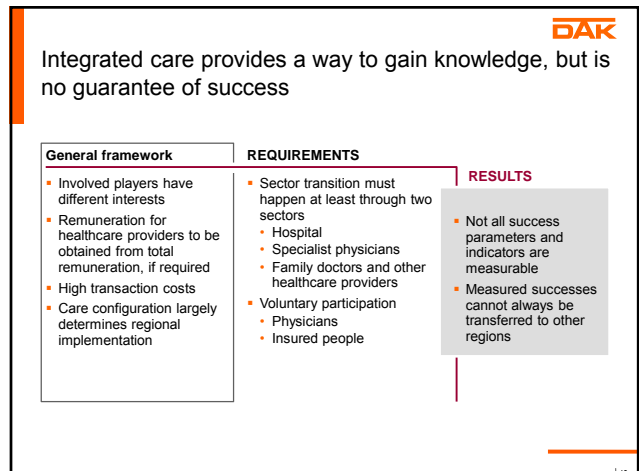


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### Different integrated care (IC) cooperation models are conceivable

Contractual approach	CHANCES	RISKS
<b>Provision of pharmaceuticals</b>	<ul style="list-style-type: none"> <li>Inclusion of generics</li> <li>Discounts for unique for special indications</li> <li>Discount when there is more than one relevant product available</li> </ul>	<ul style="list-style-type: none"> <li>Conflicting interests in discount contracts</li> <li>Opening clause for price reductions necessary</li> <li>Tender probable</li> </ul>
<b>Pharmaceutical companies as service providers</b>	<ul style="list-style-type: none"> <li>Boosting compliance</li> <li>Indication-related trainings</li> <li>Therapy-associated concepts (e.g. telemonitoring)</li> <li>Health services research</li> </ul>	<ul style="list-style-type: none"> <li>Demand-based support</li> <li>Product marketing as a main aspect</li> <li>Lack of acceptance by other parties</li> </ul>
<b>Pharmaceutical companies as management companies</b>	<ul style="list-style-type: none"> <li>Concept development and sale</li> <li>Acquisition and support of contract partners</li> </ul>	<ul style="list-style-type: none"> <li>Selection and management of physician networks by pharmaceutical companies possible where required</li> </ul>

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### Meaningful selective contracts with selected contract partners for defined target groups

**OPPORTUNITIES**

- Contribution to cost containment
- Improvement of patient care by combining pharmaceutical contracts with patient care programs
- Innovative approaches to cooperation between the pharmaceutical industry and health insurance companies
- Coordinated patient care with (innovative) pharmaceuticals
- Testing of regional approaches to gain knowledge
- Better compliance in pharmaceutical administration based on comprehensive approach and individual patient care

**RISKS**

- Higher volumes
- Bypassing efficiency audits
- IC cannot interfere with freedom of therapy
- Lack of acceptance of direct participation of the pharmaceutical industry by patients and professional associations
- Bureaucracy of tenders remains an obstacle to IC contracts
- IC remains a very detailed isolated solution

### Contract assessments so far provide important information that can help successfully implement new concepts

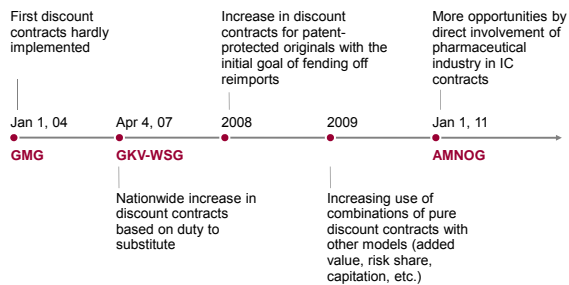
**EXPERIENCES**

- Early assignment difficult to implement
- Prescribing according to the guidelines and improved patient compliance will increase consumption of pharmaceuticals
- Optimization of drug therapy to decrease follow-up costs

**Insights for new contracts**

- Developing effective concepts is important for early assignment
- Involving the right patients
- Target group oriented contract concepts
- Price negotiations/discounts for relevant drug therapy are interesting
- Regular quality meetings with the contract partners to constantly refine the concepts

### AMNOG takes into account the evolution of selective contracts



### Selective contracts with pharmaceutical companies: Why do those involved want them?

**HEALTH INSURANCE COMPANY**

- Access to Innovation
- Savings
- Increase in quality of care
- Improvement of compliance
- Competitive tool
- Need-based care

**MANUFACTURER**

- Fast market entry for new pharmaceuticals
- Fast increase/securing of market share
- Marketing tool
- Image improvement

**HEALTHCARE PROVIDER**

- Innovative services for patients
- Patient satisfaction
- Profit optimization
- Contract-based support

**PROFESSIONAL ASSOCIATIONS**

- Preserving the independence of physicians in their prescription behaviour – freedom of therapy
- Preserving the interests of all physicians

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## Individual health insurance companies have two options

Joining contracts for patent-protected originals is a strategic business decision for insurance companies

<b>Individual contracts with the pharma industry</b>	<b>PRO</b>	<b>CON</b>
	<ul style="list-style-type: none"> <li>Competitive advantage over other health insurance companies</li> <li>Taking into account the needs of your own insured</li> </ul>	<ul style="list-style-type: none"> <li>High administrative workload for contract initiation and processing</li> <li>Nationwide contracts based on complex concepts hardly possible</li> </ul>
<b>Only contracts of the Federal Association of SHI funds</b>	<ul style="list-style-type: none"> <li>Strengthening the power of the Federal Association of SHI funds</li> <li>Consistent treatment quality throughout Germany</li> </ul>	<ul style="list-style-type: none"> <li>Independence from Federal Association of SHI funds</li> <li>No possible differentiation from competitors</li> </ul>

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## DAK will continue this strategy, but make the objective effects transparent

Lever	Possible improvement area	POTENTIAL
1 Adjusting/renegotiating contracts		a EUR m
2 Rolling out successful contracts		b EUR m
3 Improving inclusion management (no. of participants/specificity)		c EUR m
4 Proactively concluding new contracts		d EUR m
5 Sharing best practice/benchmarking		e EUR m

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## DAK insists that all parties benefit from new contracts

The benefits of the contract for all involved ...

... must be obvious

- Faster access to innovations
- Individual care for patients (personalized/stratified medicine)
- Better quality
- Better cooperation with other service providers
- Market share
- Safety of innovations
- Higher customer loyalty
- Cost cuts through better quality compared to standard care
- A strong DAK brand based on a transparent, high-quality care offer

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## The future belongs to individually priced selective contracts that lead to measurable improvements in care

**Conclusion**

- AMNOG will hardly change contract strategies in the near future, but creates opportunities for expanding/developing existing contract concepts
- The exclusive focus on price for cost containment will be pushed into the background – combined/complex concepts will prevail
- DAK can precisely measure the effects of care concepts and "innovations" compared to standard care
- We will use this skill to develop "value for money", target group specific concepts that help optimize care provision

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**Thank you for your attention**