



FRESENIUS MEDICAL CARE



CAPITAL MARKETS DAY Oliver Maier

April 3 2014, New York City



Welcome

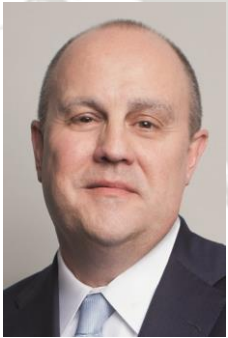
to 2014 Capital Markets Day

New York City

Today's Agenda

09:00	Welcome Oliver Maier	12:00	Global Manufacturing Operations (GMO) Kent Wanzek
09:10	Global Overview and Strategy Rice Powell	12:20	Medical/Care Coordination Frank Maddux
09:50	Region: North America Ron Kuerbitz	12:40	Q&A
10:20	Region: Asia Pacific Roberto Fuste	13:00	Lunch
10:40	Region: EMEA Rice Powell	13:40	Financials Mike Brosnan
11:00	Q&A	14:10	Summary Rice Powell
11:20	Break	14:15	Q&A
11:40	Global R&D (GRD) Olaf Schermeier	14:30	Finish

Today's Presenters



**Rice
Powell**

**Chairman
& Chief
Executive
Officer**



**Ron
Kuerbitz**

**North
America**



**Roberto
Fuste**

Asia Pacific



**Olaf
Schermeier**

**Research &
Development**



**Kent
Wanzek**

**Global
Manufacturing
Operations**



**Frank
Maddux**

**Chief Medical
Officer**



**Michael
Brosnan**

**Chief Financial
Officer**



FRESENIUS MEDICAL CARE



GLOBAL OVERVIEW & STRATEGY Rice Powell

April 3 2014, New York City

Agenda

A Fresenius Medical Care Today - A Global Perspective

B Market Dynamics

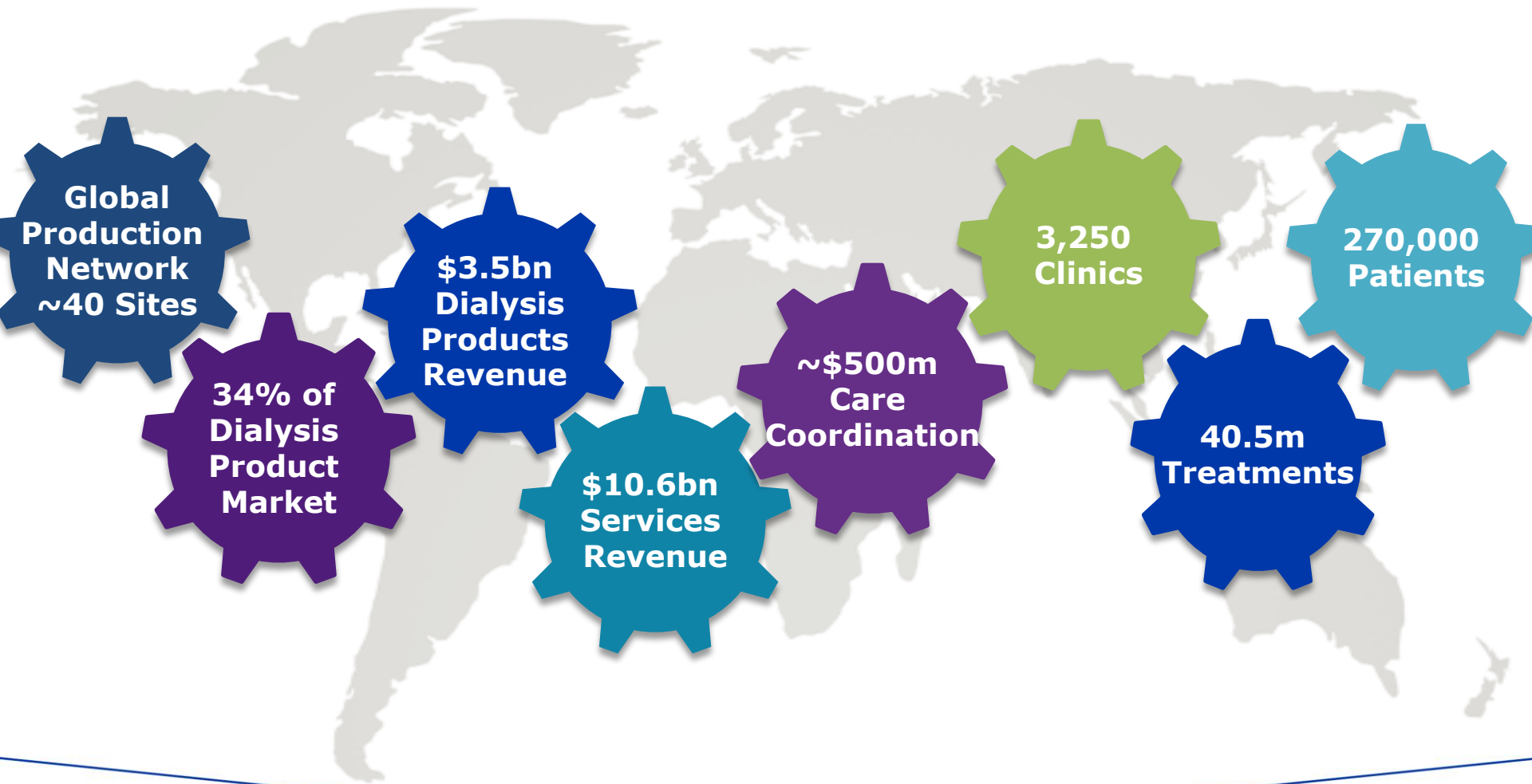
C Our Global Strategy









FRESENIUS MEDICAL CARE TODAY








A Global Perspective






Fresenius Medical Care Today










We are the World's Leading Provider of Dialysis Services

North America		
Provider	Patients	Countries
 FRESENIUS MEDICAL CARE	171,440	2
 DaVita.	163,000	1
 DCI	14,000	1
 U.S. RENAL CARE	14,000	1
 AMERICAN RENAL	9,450	1
 DSI	6,550	1

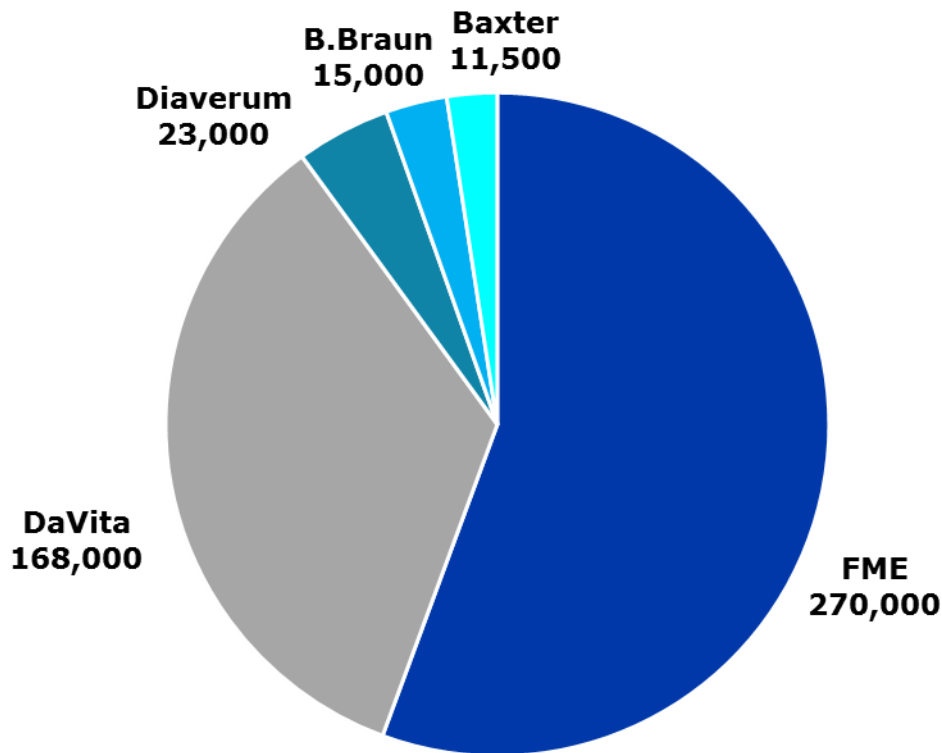
Europe, Middle East, Africa		
Provider	Patients	Countries
 FRESENIUS MEDICAL CARE	51,540	23
 KfH	18,500	2
 DIAVERUM	18,500	14
 B BRAUN	11,500	17
 PHV - Der Dialysepartner	6,900	1
 Baxter	2,750	3
 DaVita.	1,650	4

Latin America		
Provider	Patients	Countries
 FRESENIUS MEDICAL CARE	29,270	8
 Baxter	8,750	2
 DIAVERUM	4,250	3
 DaVita.	1,650	1
 B BRAUN	850	1

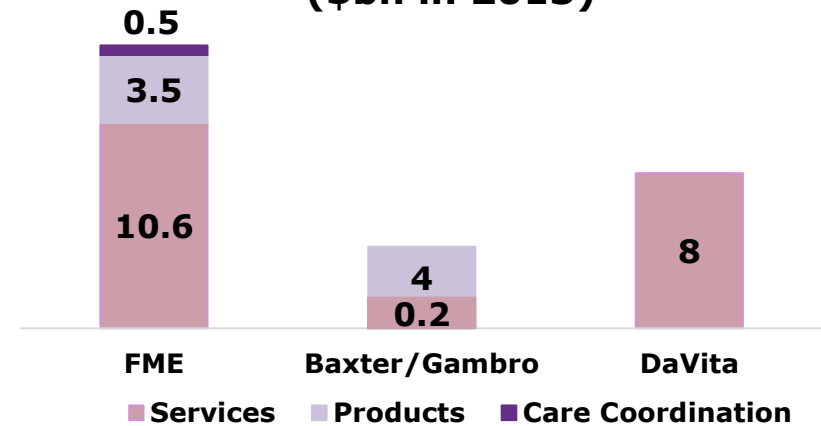
Asia Pacific		
Provider	Patients	Countries
 FRESENIUS MEDICAL CARE	17,870	12
 Zenjin-Kai	6,000	1
 医療法人社団 松和会 MEDICAL CORPORATION SHOKAWA	5,000	1
 徳洲会グループ TOKUSHUKAI GROUP	4,000	1
 B BRAUN	2,650	5
 DaVita.	1,750	5
 DIAVERUM	300	1

Vertical Integration Enables Extension of Renal Care

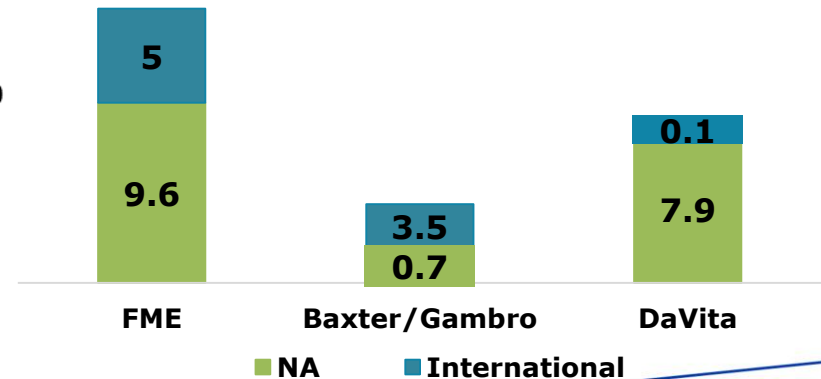
Patients by Provider in 2013



Revenue by Business Segment (\$bn in 2013)



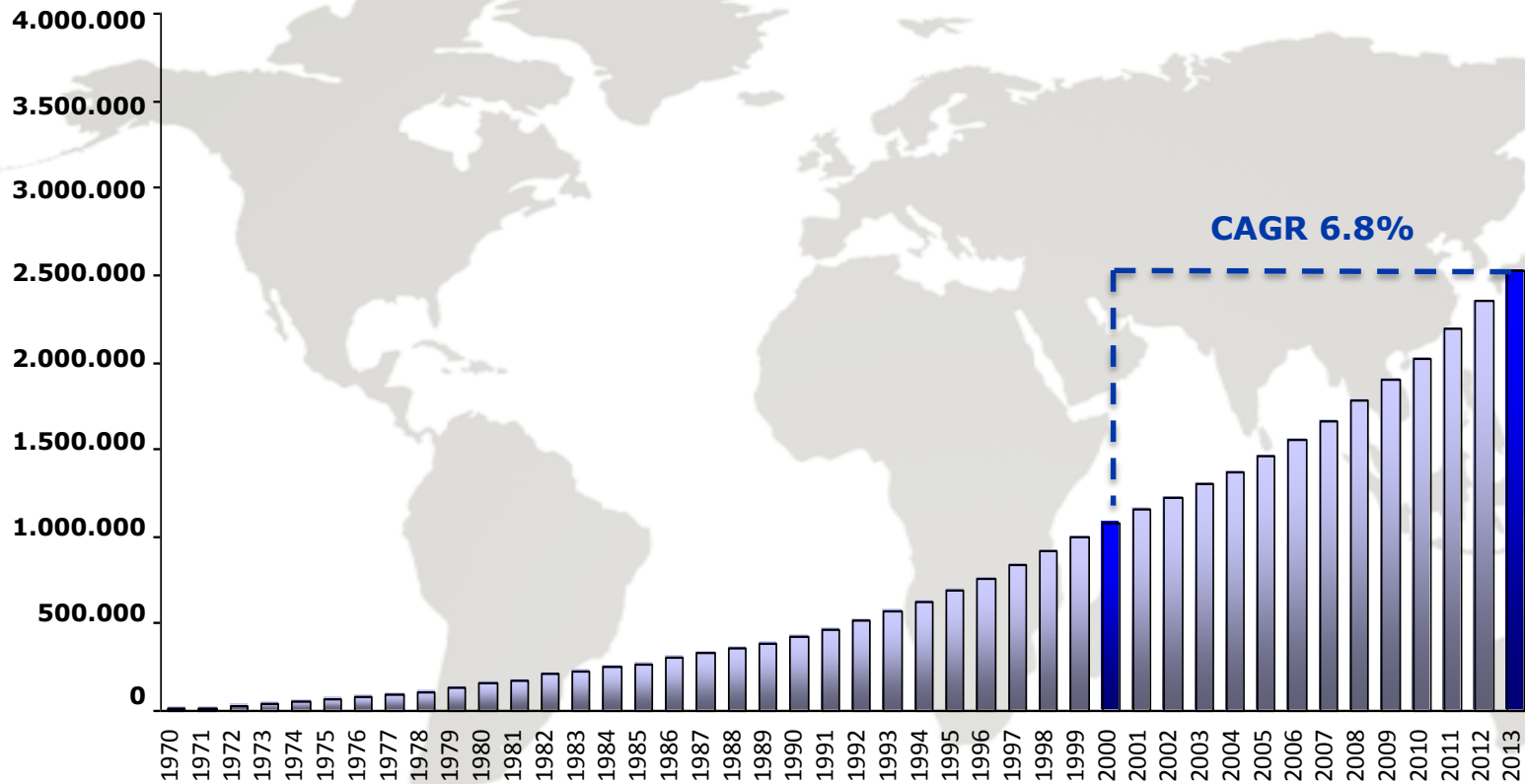
Revenue by Region (\$bn in 2013)



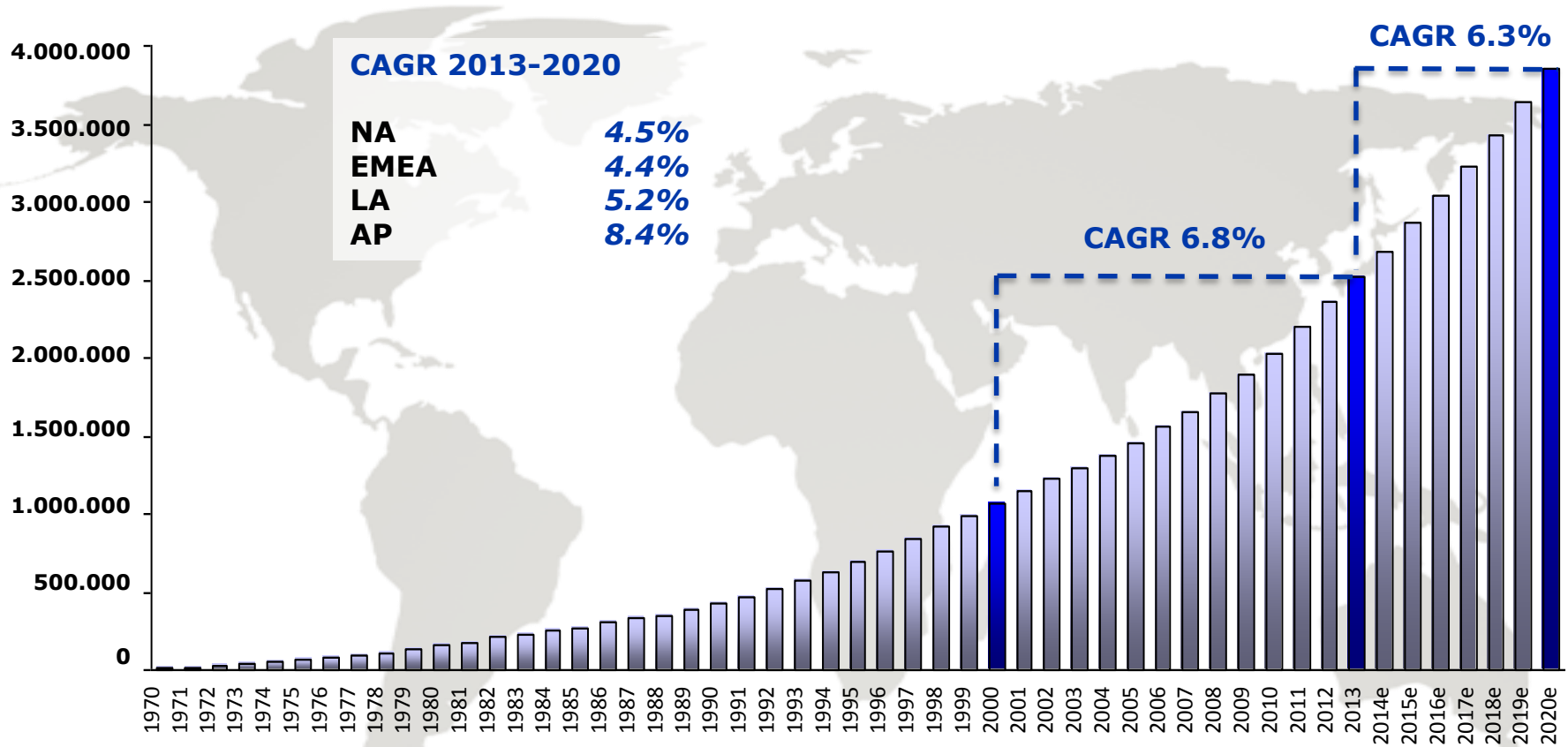


MARKET DYNAMICS

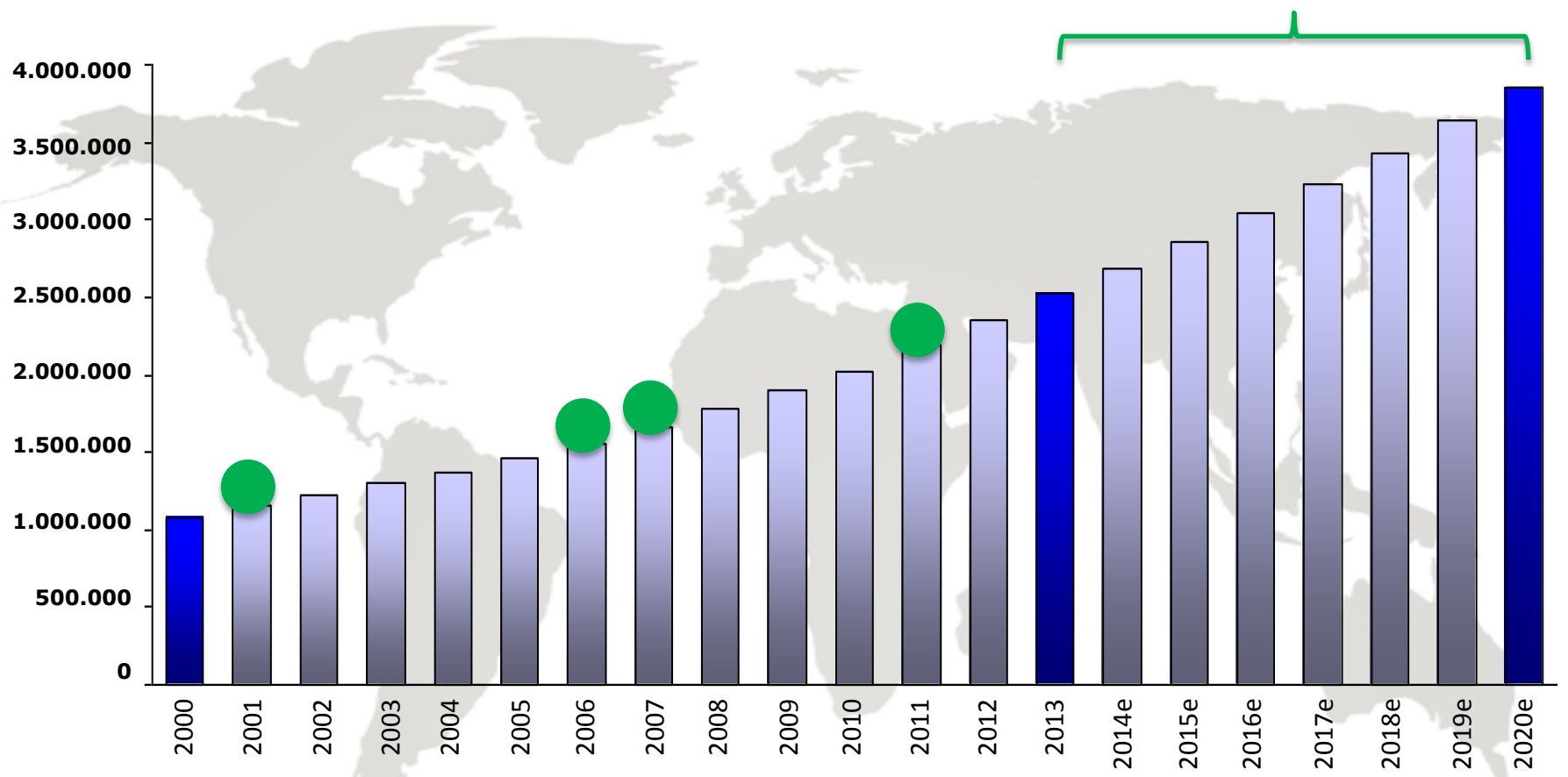
Development of Dialysis Patient Numbers



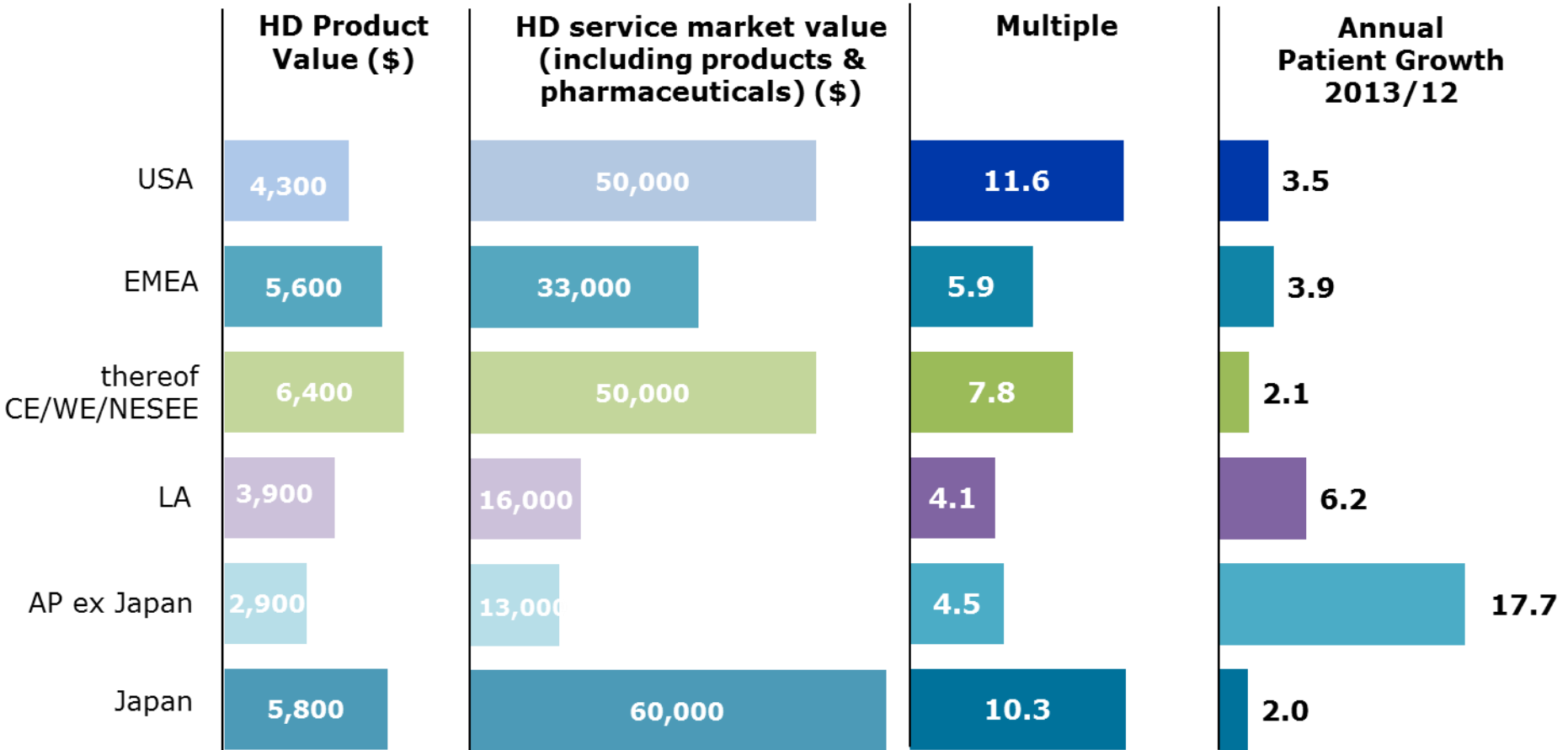
Development of Dialysis Patient Numbers

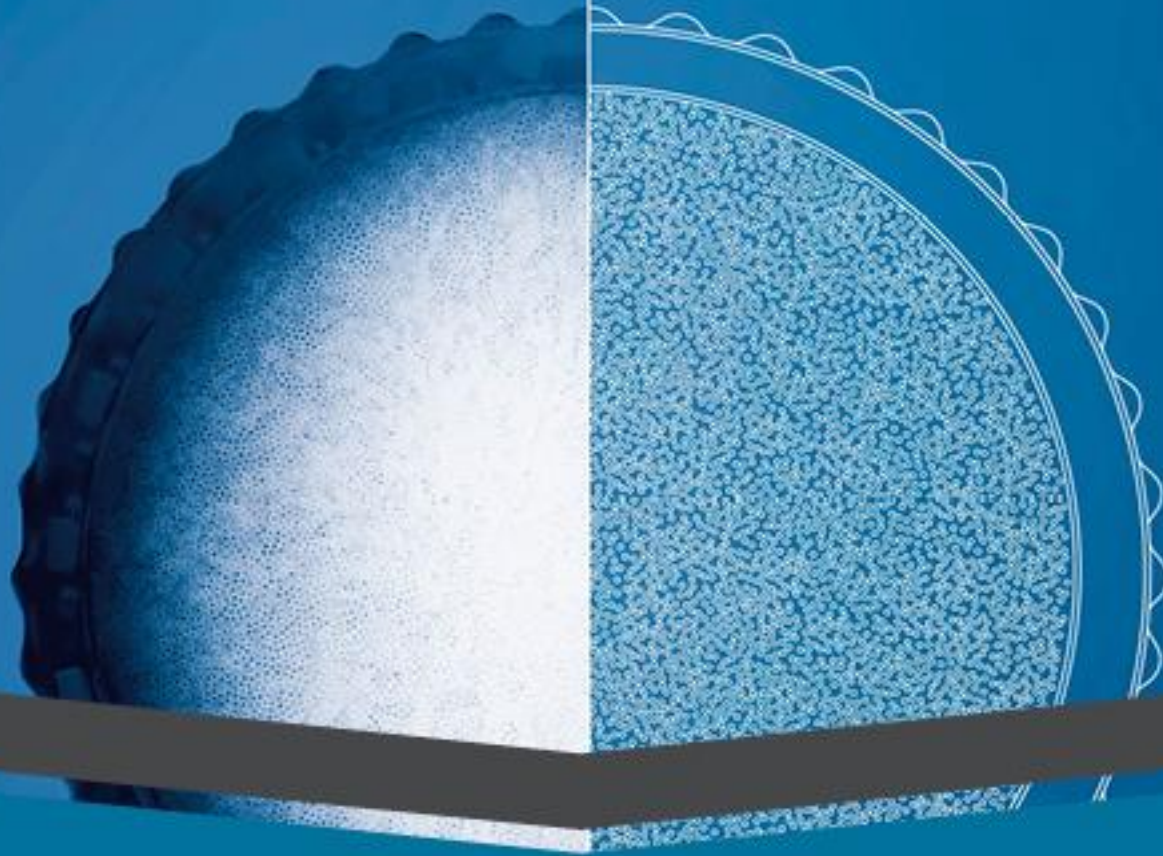


Innovations Shaping the Future



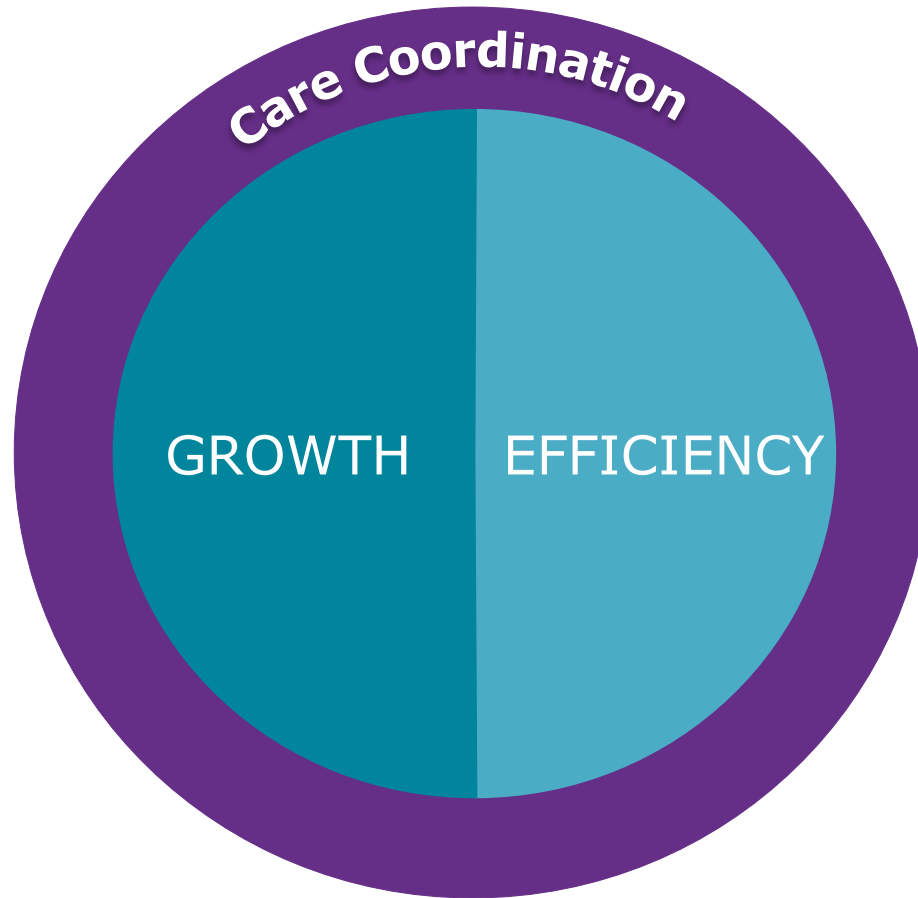
Global Market Potential (Per Patient/Per Year)



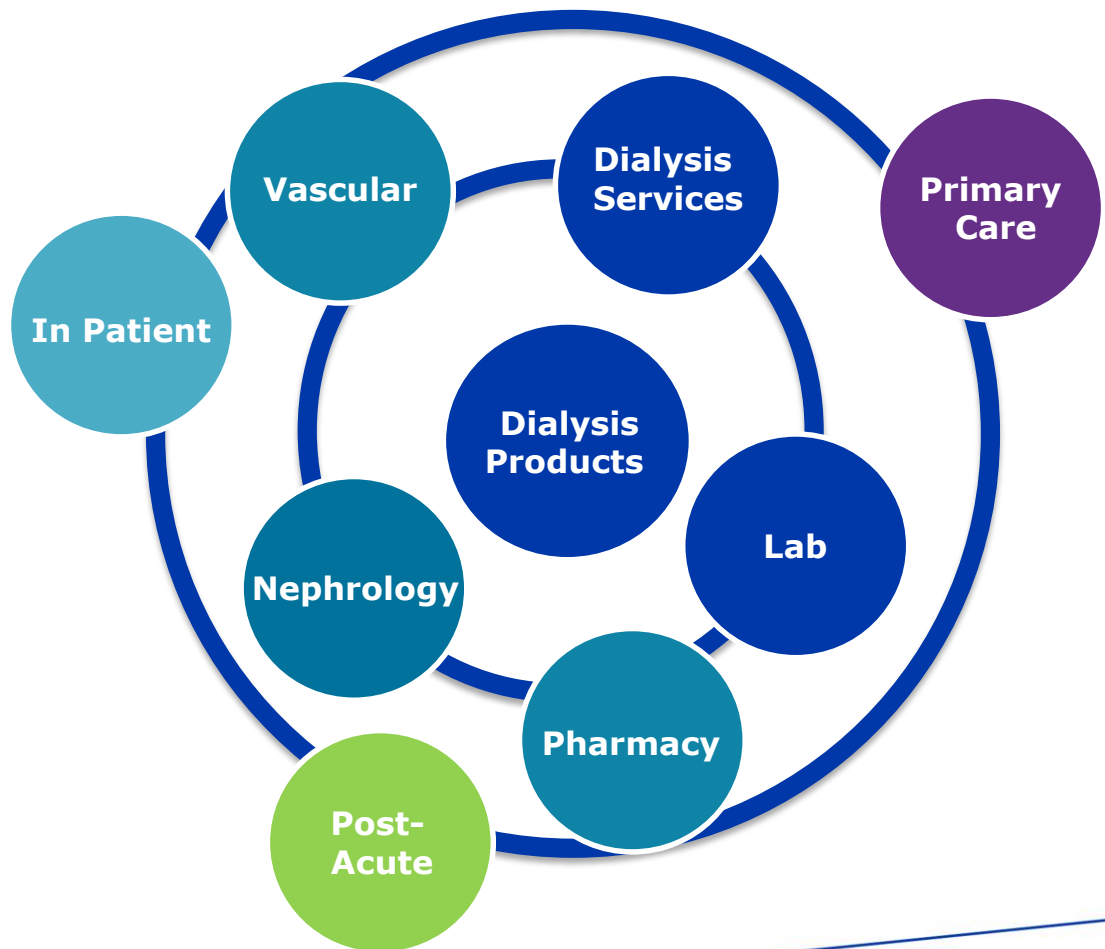


OUR STRATEGY

Driving the Business Forward



Our Vision of Care Coordination



Objectives and Strategy for GEP



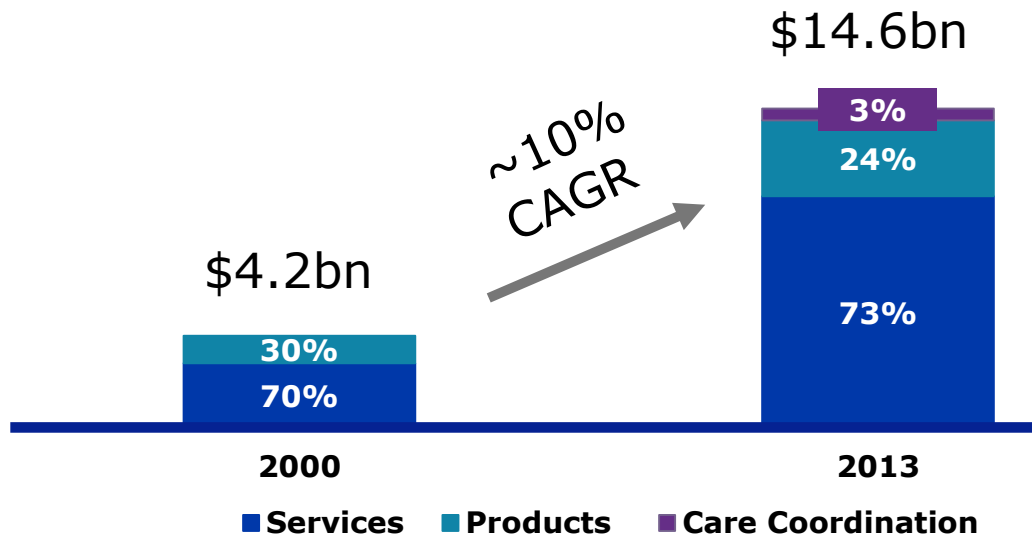
OBJECTIVES

- **Identify efficiency potential**
- **Enhance overall competitiveness**
- **Liberate resources for reinvestment**
- **Achieved sustained efficiency gains over multiple years**

APPROACH

- **18 projects active with monthly results review to ensure execution and delivery**
- **Owned and led by 2 executives with a dedicated full-time team**

2020 Vision



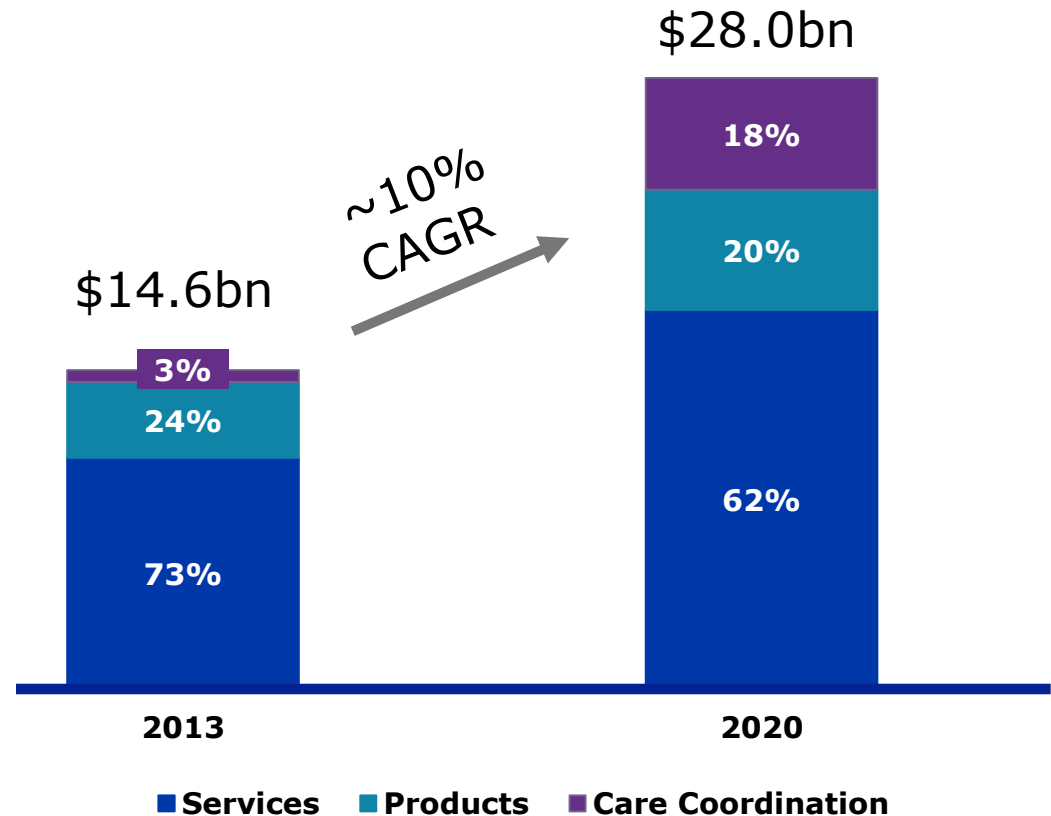
Drivers

- Market consolidation globally
- Introduction of single use therapy in FME clinics
- International expansion
- Starting expansion into Care Coordination

2020 Vision

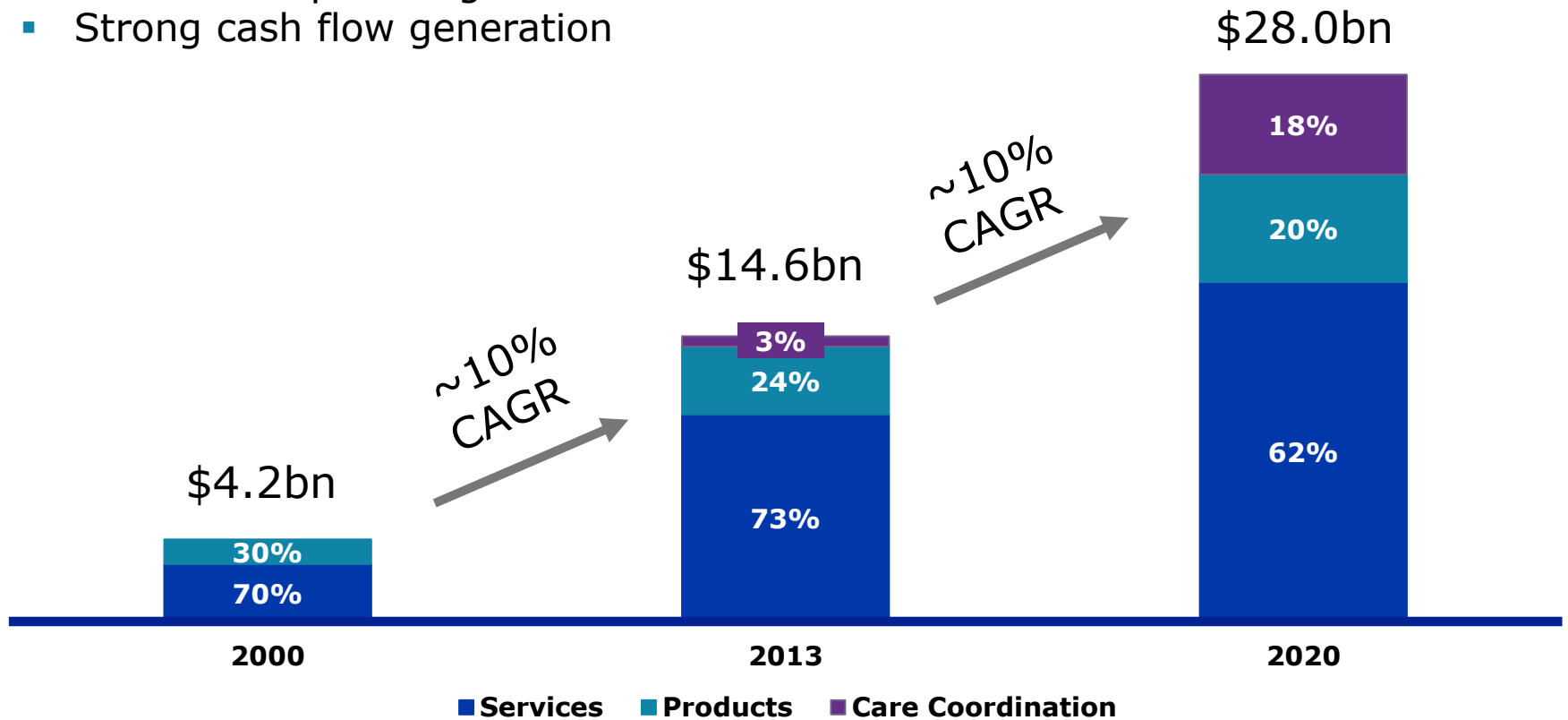
Drivers

- Compliant, profitable growth
- Pushing our core beyond 128 countries with products; and >40 countries with dialysis care
- Recognize that moving beyond our core brings businesses with different risk and margin profiles
- Reimbursement pressure is a fact of life



2020 Vision

- Focus on quality outcomes through better therapy
- Sustainable patient growth
- Strong cash flow generation







FRESENIUS MEDICAL CARE



NORTH AMERICA
Ron Kuerbitz

April 3 2014, New York City

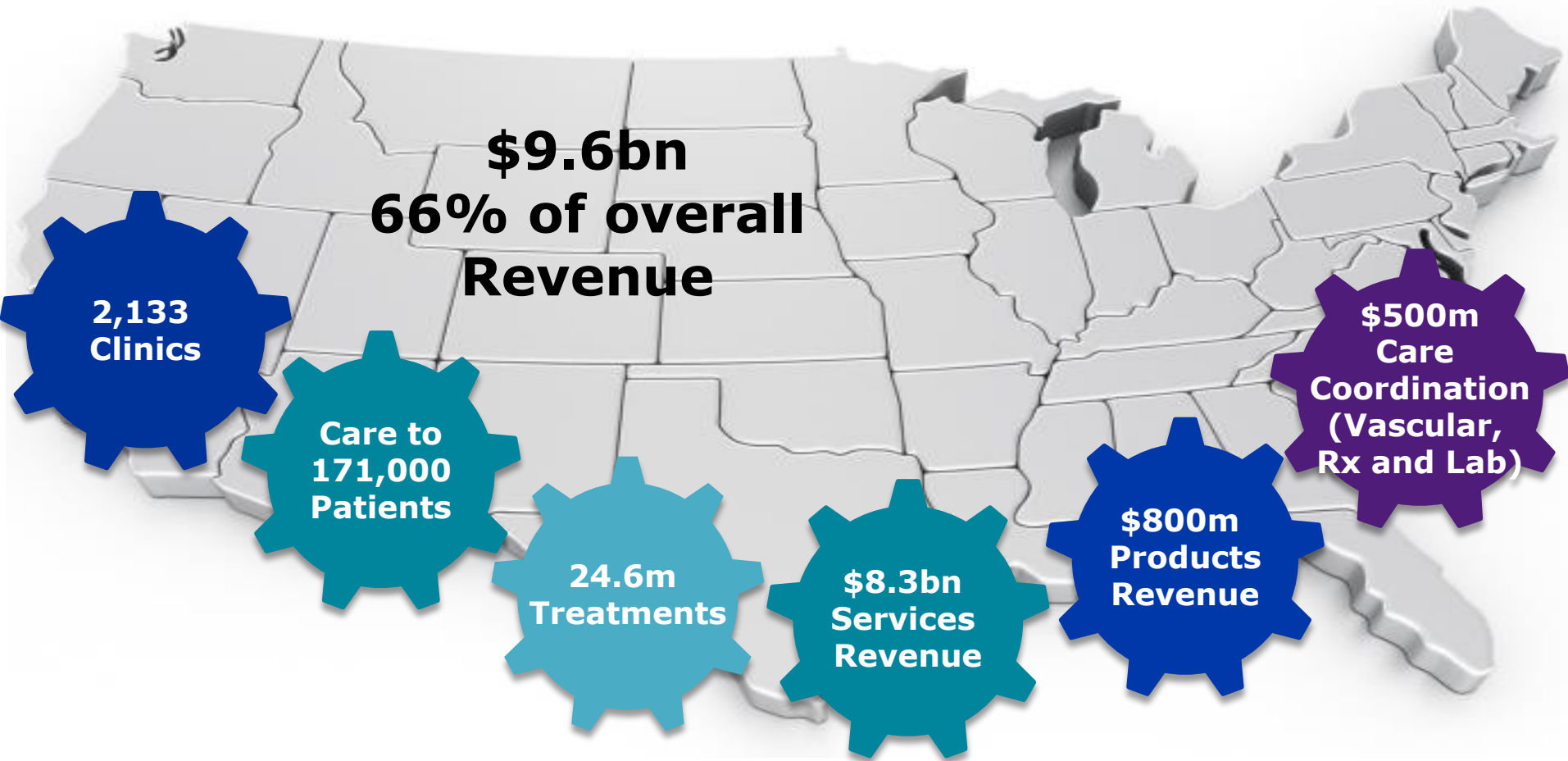
Agenda

A **Our Business Today**

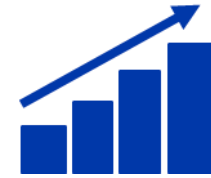
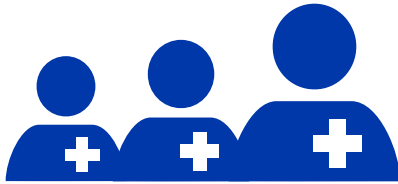
B **Market Dynamics**

C **Our Strategy & Vision**

Our Business Today



Market Dynamics



DEMOGRAPHICS*

**Stable patient growth
>3%**

- 27.5% of Medicare population has diabetes
- 12.7% of Medicare population has CKD

ESRD population has multiple co-morbidities

PAYOR RELATIONSHIPS

Stable government reimbursement

Stable commercial reimbursement

- Single-digit rate growth

Steady cash flows

GROWTH OPPORTUNITIES

37% of US dialysis market

Targeted dialysis growth opportunities remain

Additional opportunities in Care Coordination



DIALYSIS PRODUCTS AND SERVICES

EFFICIENCY

- Drug
- Operational
- Administrative

GROWTH

- Targeted geographic expansion
- Improve patient mortality
- Reduce hospitalization

Poised to Deliver on Our Promise of Care Coordination

CARE COORDINATION

	Medicare FFS (Case Mix Adjusted)	FMCNA Demo	% Improvement
One-year Mortality	14.6%	9.3%	36%
Two-year Mortality	26.1%	19.9%	24%
Two-year All-Cause Hospitalizations	76.1%	60.5%	20%
Two-year CVD Hospitalizations	75.2%	59.7%	21%
Readmissions	0.71	0.64	10%
Physician Visits	10.57	8.43	20%
SNF Stays	0.6	0.28	53%

FMCNA Demo improved health outcomes and achieved cost savings of 5.1%

Poised to Deliver on Our Promise of Care Coordination

CARE COORDINATION

TECHNOLOGICAL INNOVATION



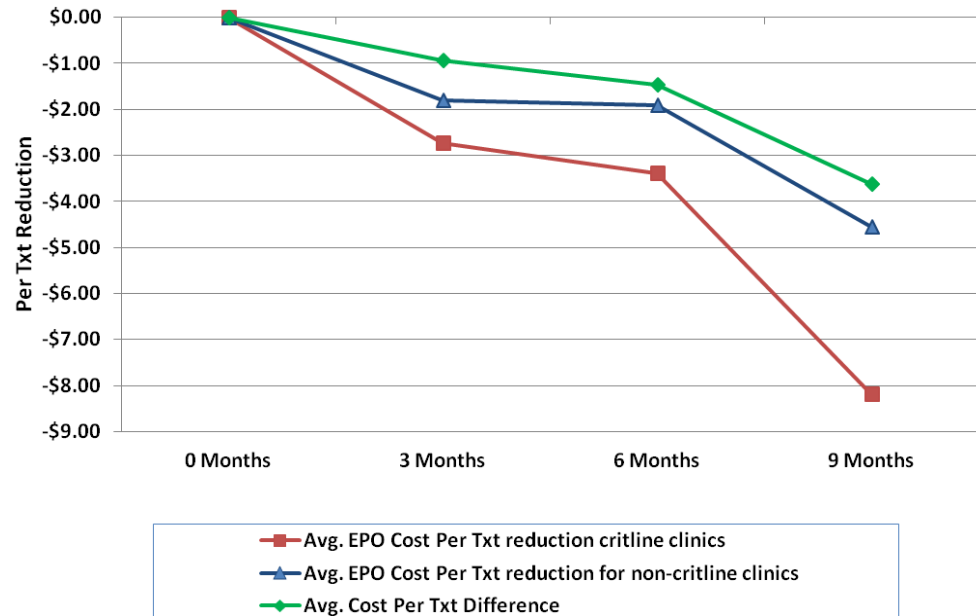
CRIT-LINE

Fluid-Related Hosp.  6%

All-Cause Hospitalization  10%

% Patients With High BP  12%

Average EPO Cost Per Txt Reduction in Crit-Line vs. Non-Crit-Line Clinics



Poised to Deliver on Our Promise of Care Coordination

CARE COORDINATION

TECHNOLOGICAL INNOVATION

DATA ANALYTICS

Goal

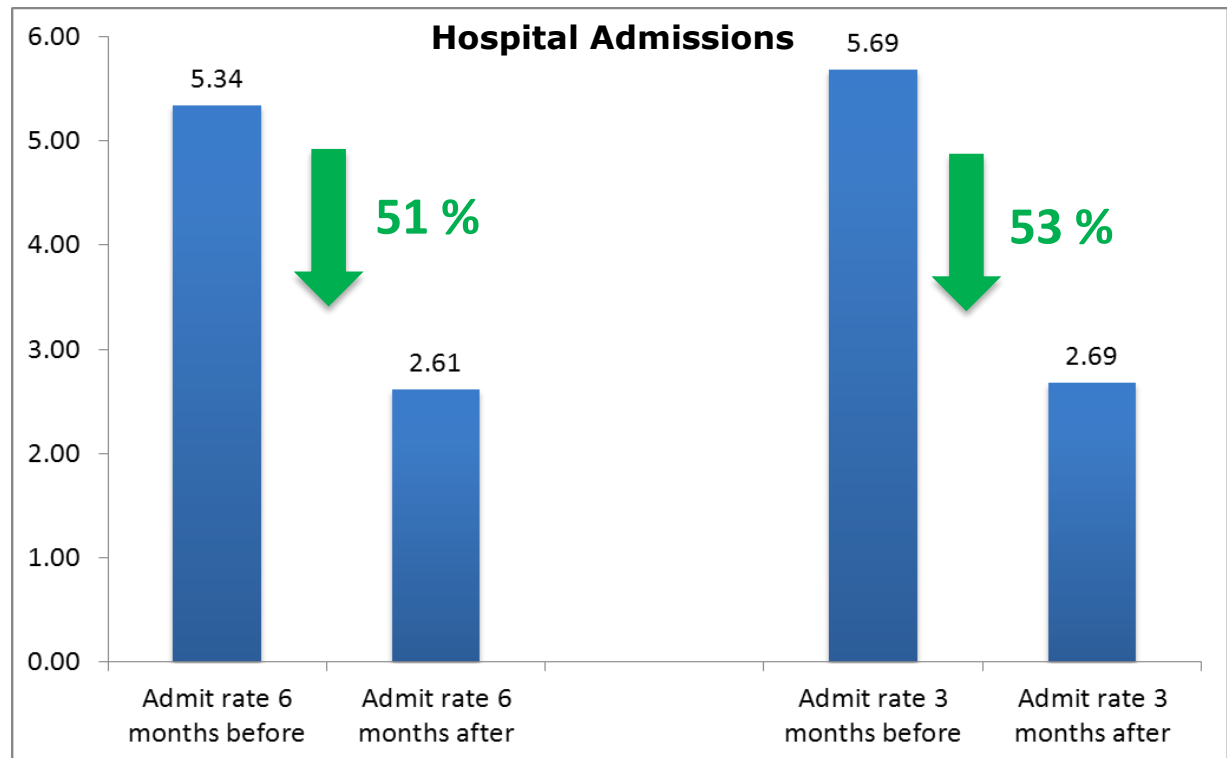
Identify high risk ESRD patients
(>5 hosp. in next 12 months)

Model

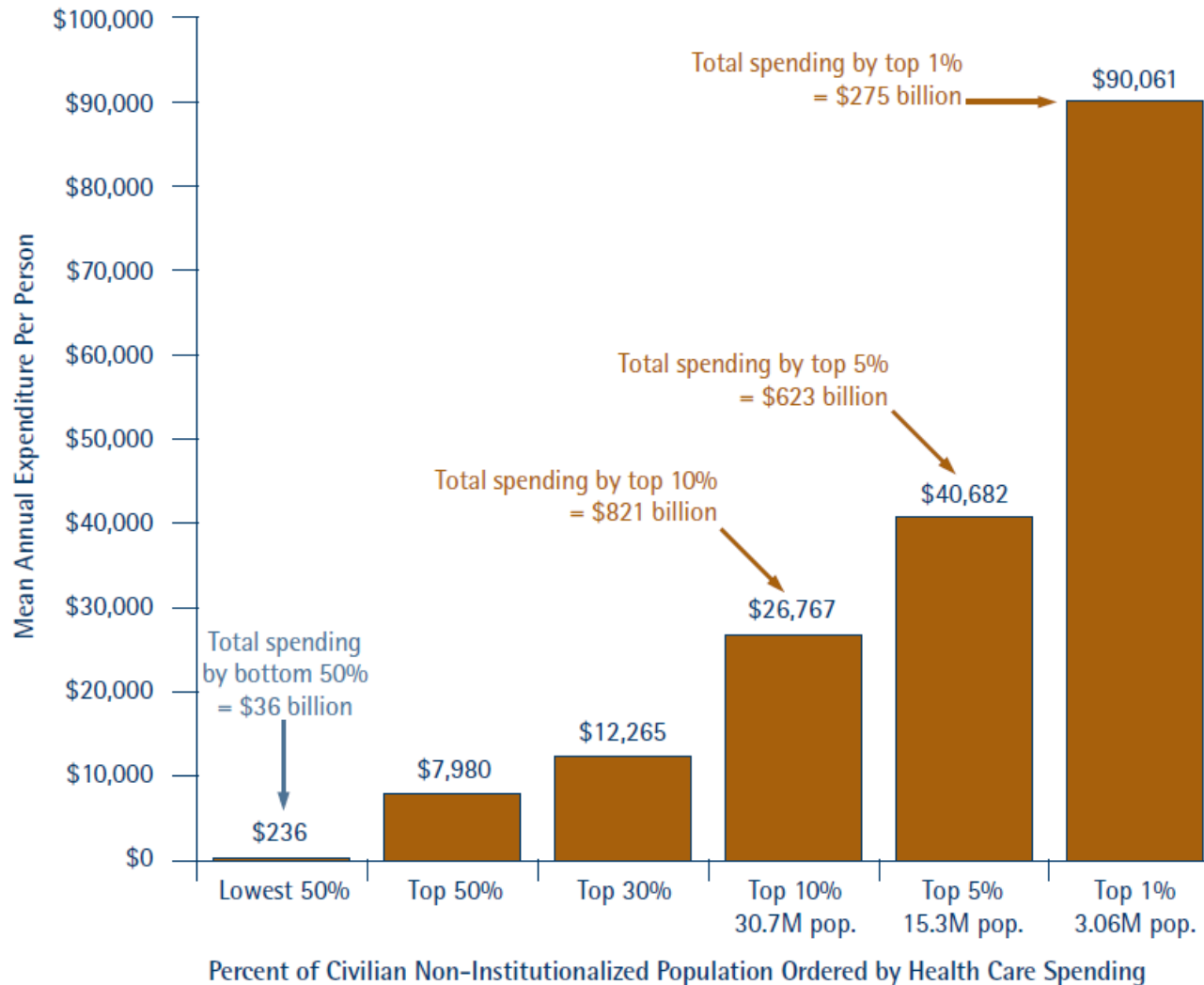
Clinical predictors yield
90% accuracy

Targeted care
coordination/clinical
interventions

Results

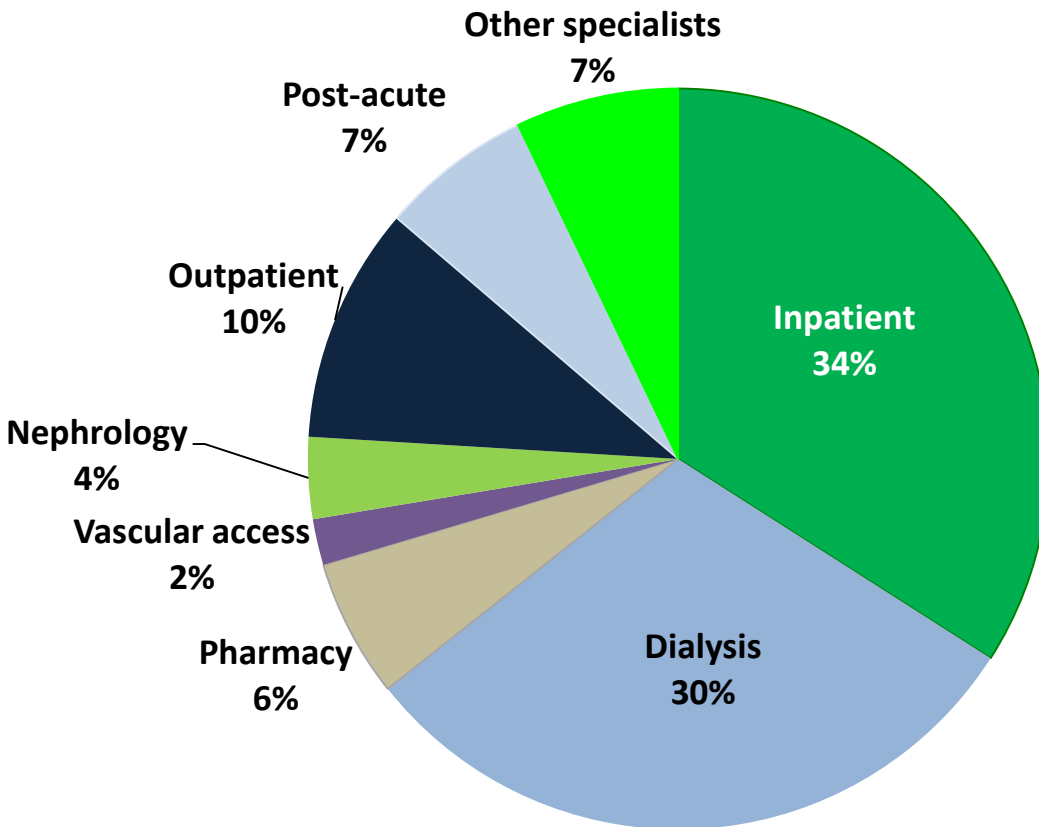


High Cost Special Needs Population



Specialized Network Required

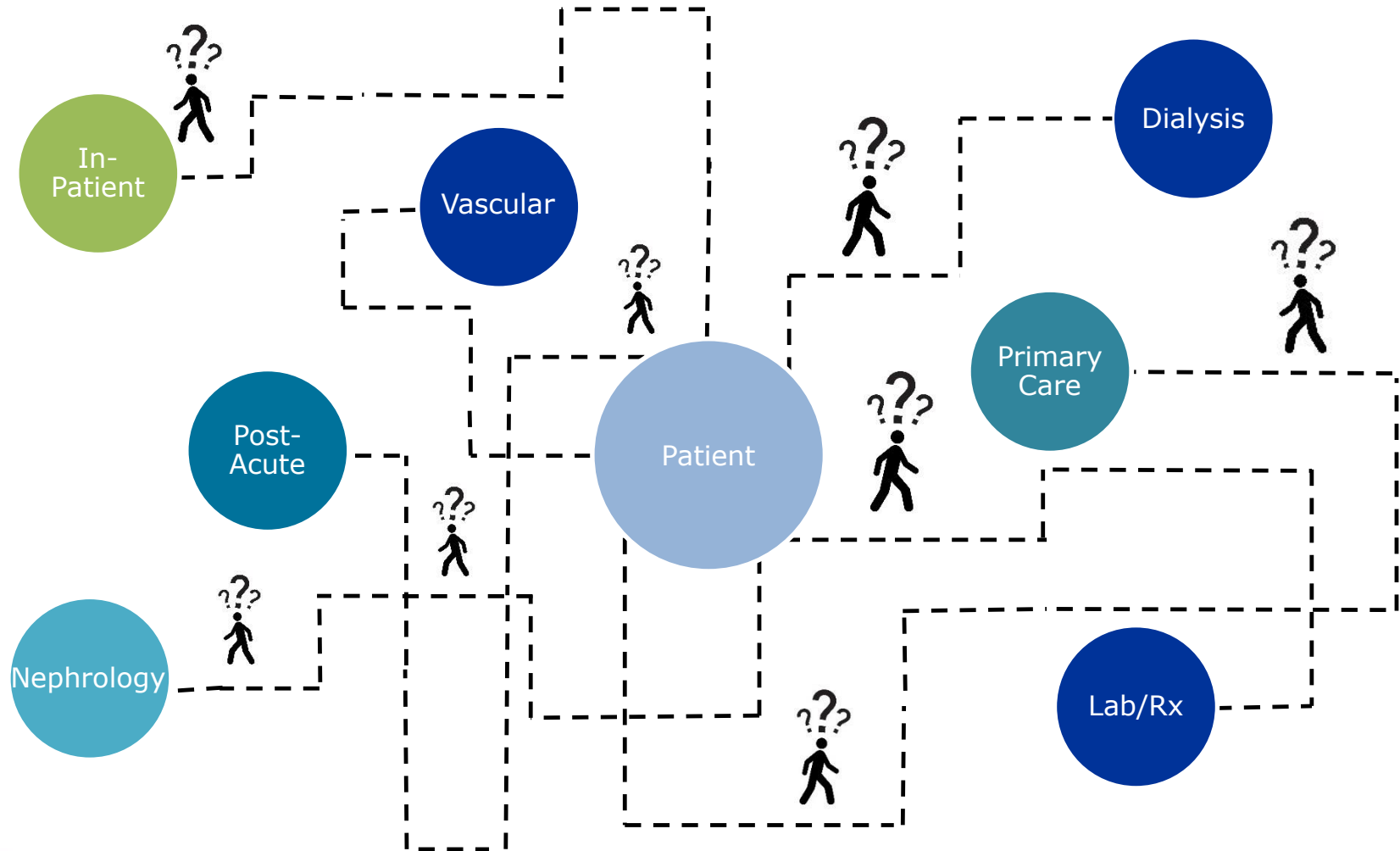
Medicare Spending – Dialysis Patients



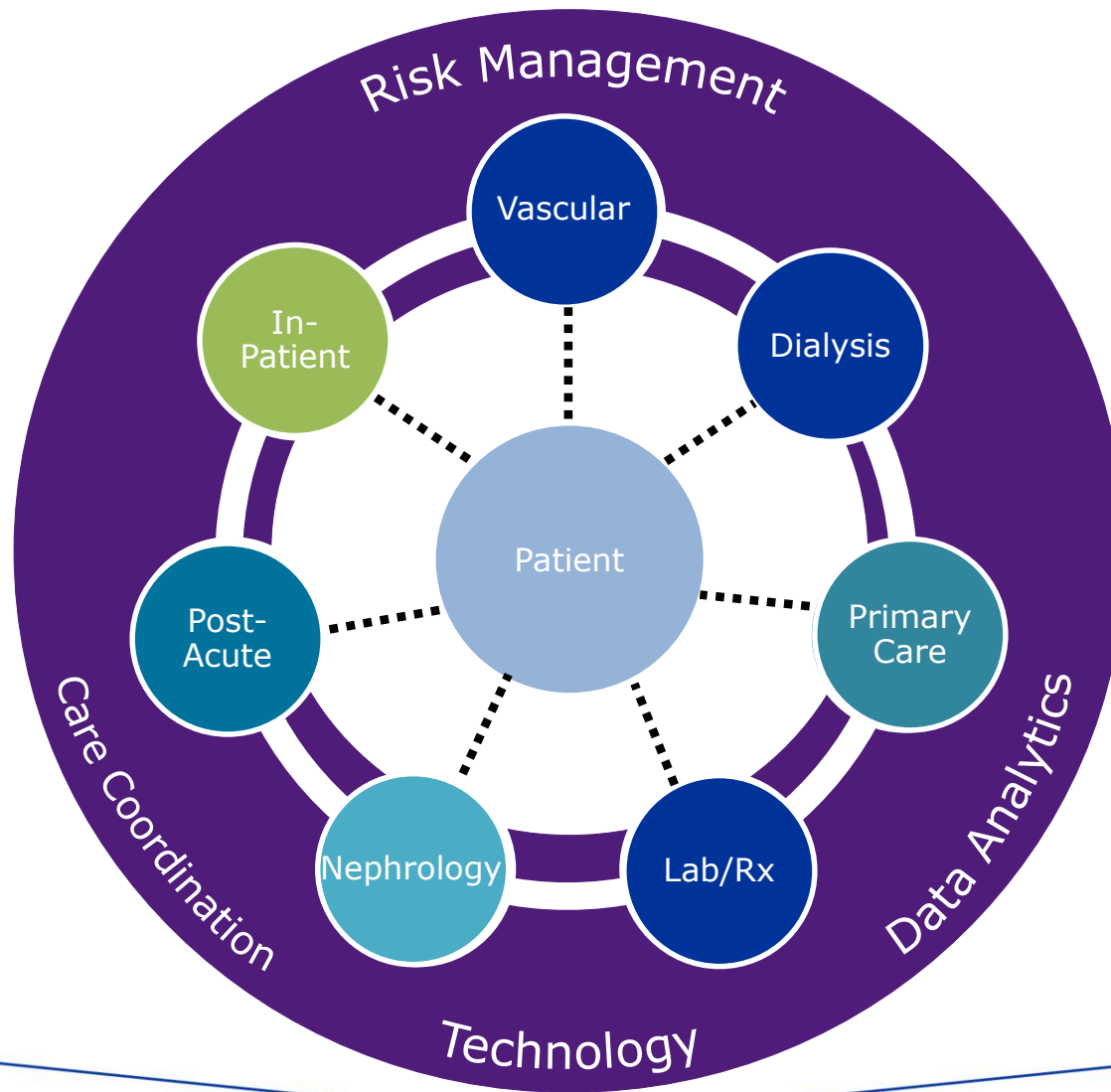
	Per Patient/Year
Inpatient	\$ 29,706
Dialysis	26,452
Outpatient	8,999
Post-acute (SNF + Home Health + Hospice)	5,767
Vascular access	1,755
Nephrology	3,110
Other specialists	6,214
Pharmacy	5,270
Total	\$ 87,273

Source: United States Renal Data Service

Current Fragmented Care Model



Our Vision of Care Coordination: The Renal Care Network







FRESENIUS MEDICAL CARE



ASIA PACIFIC
Roberto Fusté

April 3 2014, New York City

Agenda

A **Our Business Today**

B **Market Dynamics**

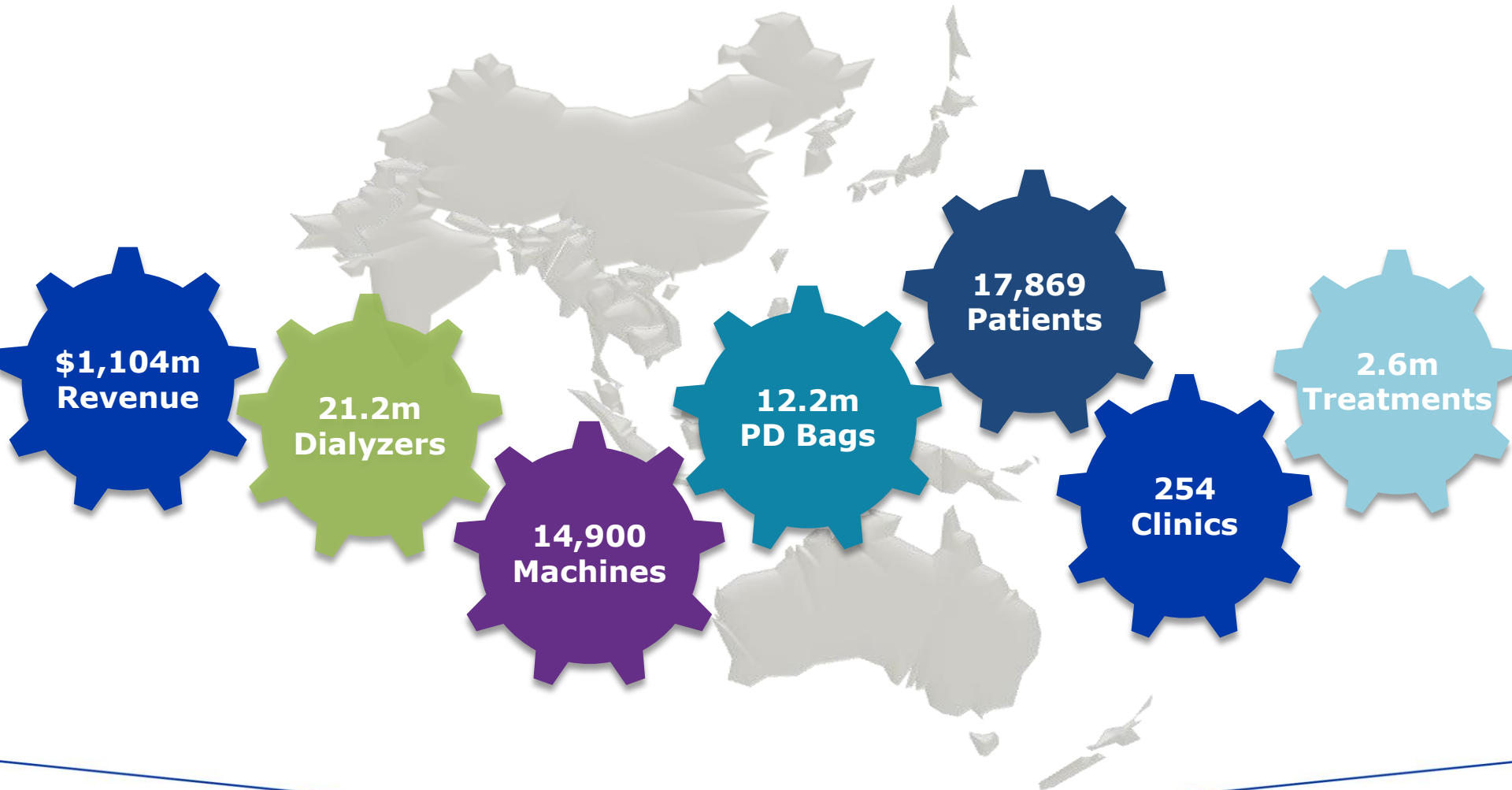
C **Our Strategy**

C **A Focus on Japan & China**



OUR BUSINESS TODAY

Our Business Today





MARKET DYNAMICS

Key Market Trends



Stable HD/PD Ratio

HD
90%

PD
10%



Increasing Efforts for Healthcare Coverage

- China
- Thailand
- Indonesia
- Malaysia
- Philippines



ASEAN Integration Accelerates

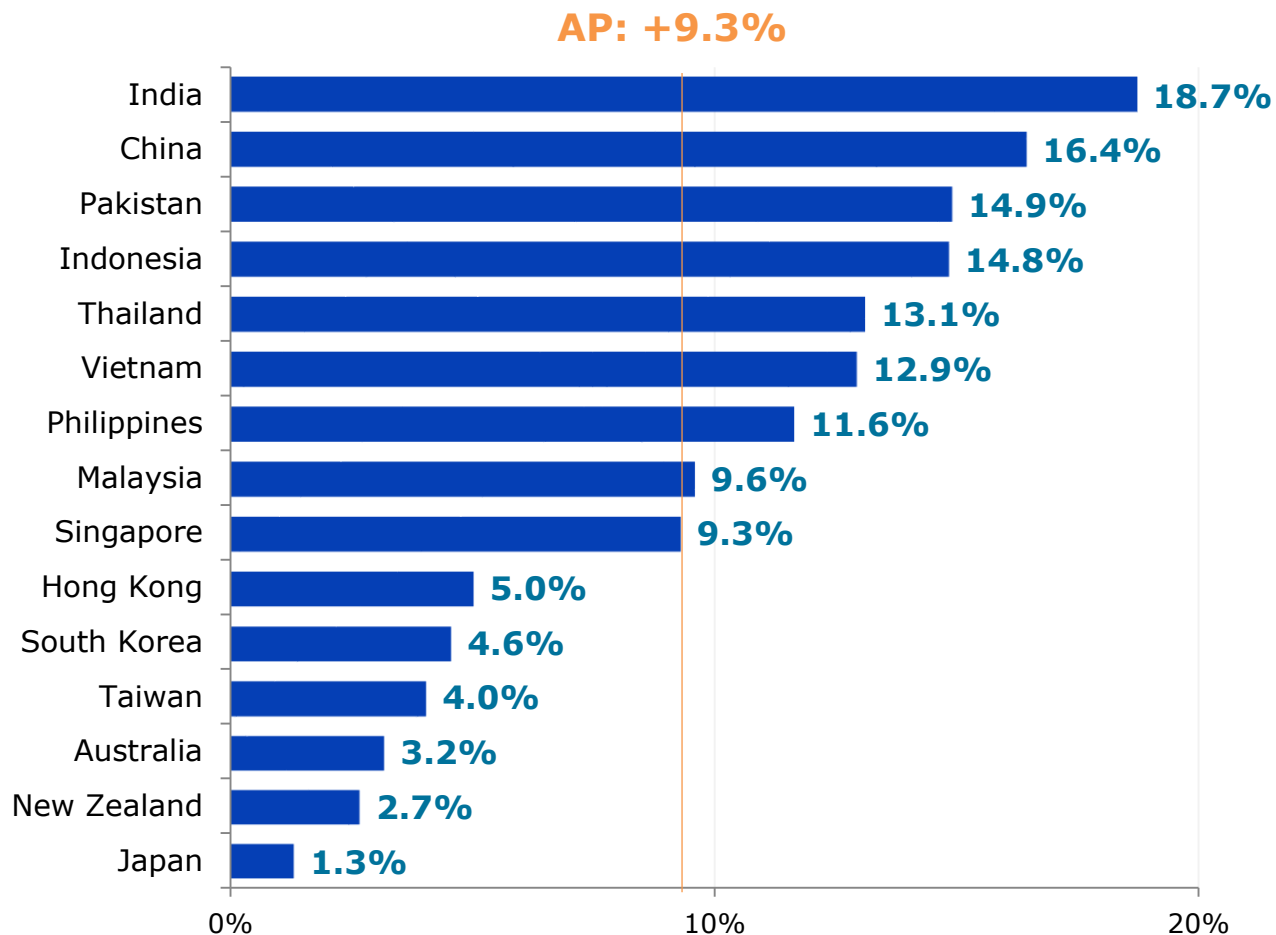
Adding US\$1.9tn to
Global Economy
by 2025



Legal & Political Constraints for NephroCare

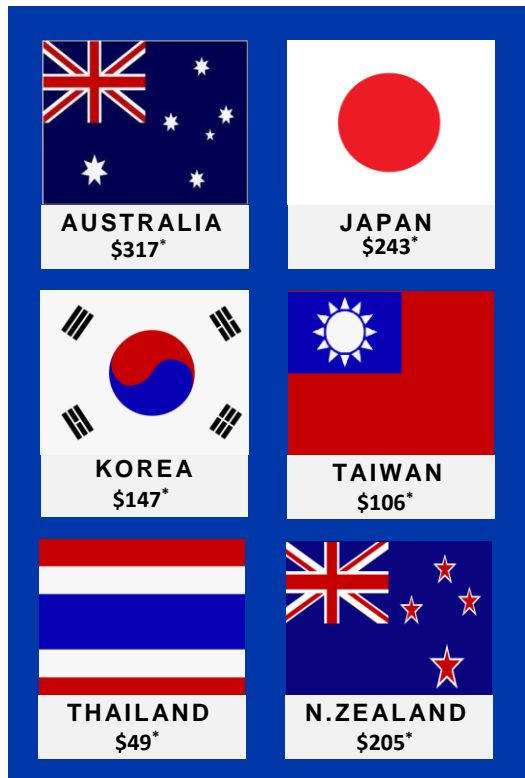
- | | |
|-----------------------|------------------------|
| Lessening Constraints | Increasing Constraints |
| ▪ China | ▪ Taiwan |
| ▪ Japan | ▪ Korea |
| ▪ Malaysia | |
| ▪ Hong Kong | |

Dialysis Patient Growth by Country 2013 vs. 2012

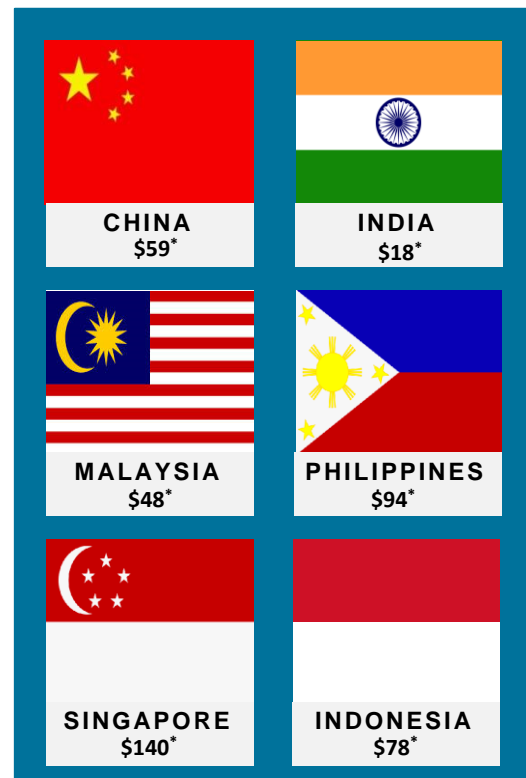


Public Dialysis Coverage

Full



Partial



None



Geographical Dynamics

CHINA

1.4 billion
Population 2014

410,230 (+17.5%)
Dialysis Patients 2014

5.2%
Healthcare Spend as % of GDP

\$59*
Average Reimbursement

Varies Across Regions/Cities

Universal Coverage by 2020

JAPAN

127 million
Population 2014

323,646 (+1.9%)
Dialysis Patients 2014

9.3%
Healthcare Spend as % of GDP

\$243*
Average Reimbursement

Reimbursement Encouraging Higher Therapies

Stable/Flat Fee Development

INDIA

1.2 billion
Population 2014

98,727 (+16.1%)
Dialysis Patients 2014

3.9%
Healthcare Spend as % of GDP

\$18*
Average Reimbursement

Not Available for General Public - Only Covers Gov't Employees & Family

ASEAN

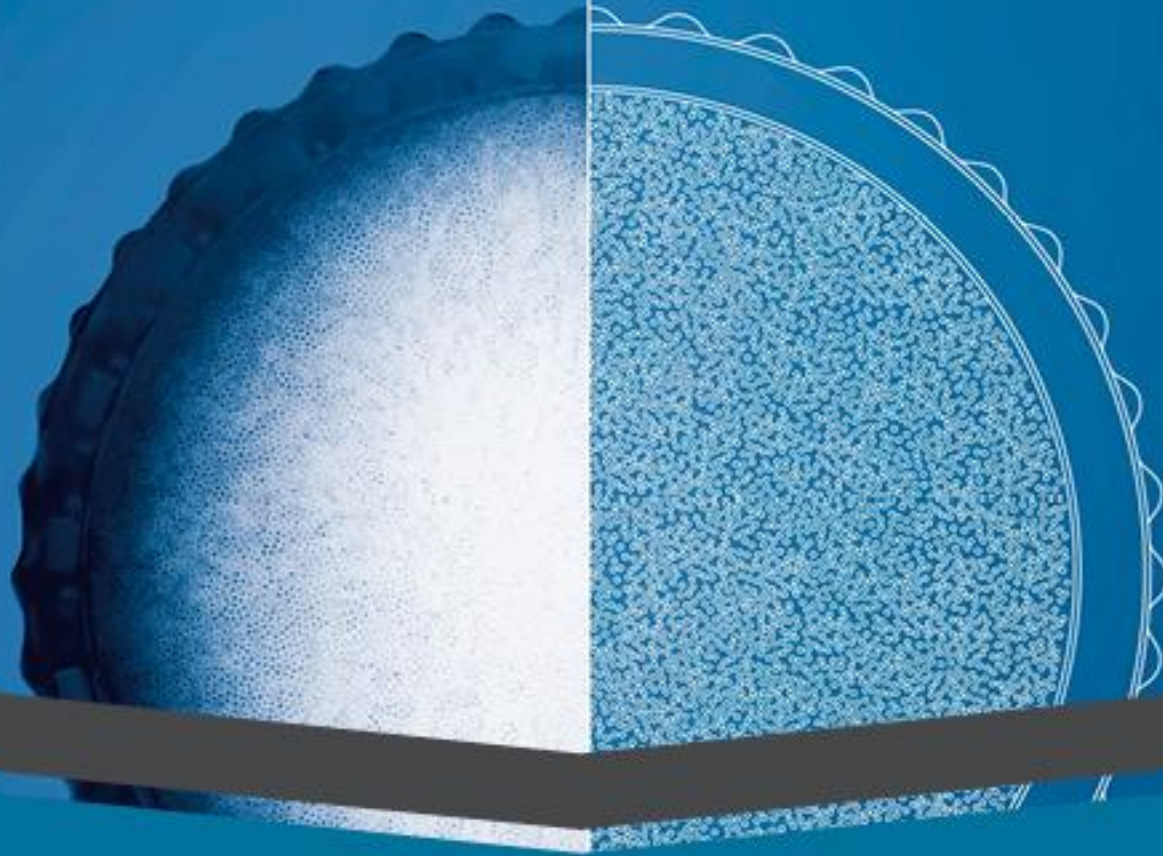
637 million
Population 2014

155,994 (+9.6%)
Dialysis Patients 2014

3.6%
Healthcare Spend as % of GDP

\$0 - \$140*
Average Reimbursement

Vastly Different Healthcare Systems & Reimbursement Across ASEAN Countries



OUR STRATEGY

Driving the Business Forward

Developing Markets

74% of De Novos

70% of CapEx

72% of New Hires

30% of GEP Savings



Developed Markets

26% of De Novos

30% of CapEx

28% of New Hires

70% of GEP Savings

Strategic Alignment



Growth Energy




- Strong Organic Growth
- Focus On Key Strategic Markets
- Total Customer Solutions
- Related & New Businesses




Operational Excellence




- Strong Local Organizations
- Regional Strategy and Support
- Business Systems / SCM




Financial Performance



- Local Production Expansion
- Cost Management
- Global Efficiency Program
- ROIC / ROA



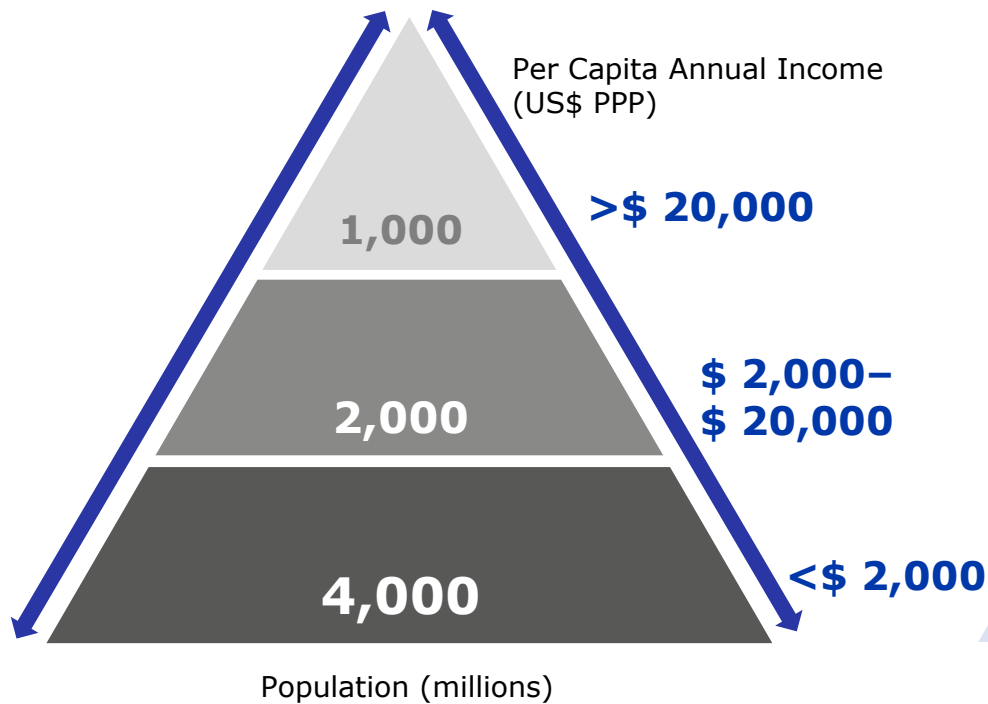
Best & Committed Employees



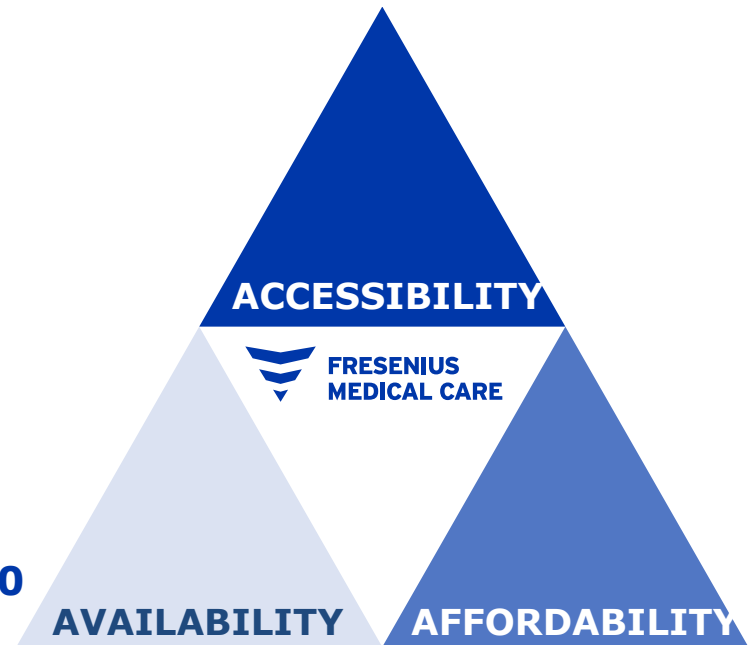
- The Renal Company
- Engaged Team
- Compliance Program
- Education & Certification

Market Segments & Our Focus

Bottom of the Pyramid



The Triple A



Providing a Comprehensive & Sustainable Renal Offering

Services Strategic Directions

Geographical Penetration



China Privatization Opportunity

2 Projects Proceeding in Shandong Province

Market Opportunities

Strong Private Investment in Healthcare Clinics

Rapid Growth in Chronic & Acute HD

Enter into PD Market

China Privatization Opportunity

- **Private dialysis care pilot projects** in Shandong
- Establish **35 new NCDCs in 2014** to **135 centers** by year end

New Nationwide Distribution Structure

- **Higher penetration** and **lower exposure**

Strengthening Leadership in Products

- Continue strong market leadership in **dialysis machines** and drive **high flux single-use dialyzer** sales
- Expand into **Tier 2 and Tier 3 cities**
- Prepare to **enter PD market in 2015**
- Grow **acute** business strongly

Services Strategic Directions

Geographical Penetration



Japan

Deregulation would provide opportunity

Market Opportunities

2nd Largest Dialysis Patient Population in AP

Reimbursement Encouraging Higher Therapies

Deregulation of Healthcare Services Business

Continue Successful Strategic Alliance with Nikkiso

- **5.4% dialyzers market share***
- **3.0m dialyzers sales target** in 2014
- **Launched CorDiax** in Q1 2014

Services Strategic Directions

Geographical Penetration



China Privatization Opportunity

2 Projects Proceeding in Shandong Province



Japan

Deregulation would provide opportunity



Expansion in India

2 Dialysis Care JVs in Place; A 3rd JV to Set Up 3 Clinics Underway



De Novo Growth

22 Clinics and 35 NCDCs in 2014

Services Expansion



Vascular Access Care

1st Center in Taiwan; Expansion Underway Across Region



Diabetes Care

Implementation in Progress



Polyclinics / Labs



FIDN as Differentiator for Renal Specialized Staff

Currently in Philippines, Singapore, Malaysia; New Programs to Start in Taiwan, China, India in 2014

Product Strategic Directions

Country-Affordable Solutions



Machines / Dialyzers

Basic machine & economical disposables



Concentrates

Localization via production set-up / acquisitions / OEMs



Bloodlines

In-sourcing



PD

Basic PD
China, Malaysia

Expansion of Local Portfolio



Needles

Global sourcing & enter new markets



Acute

Expansion to new markets



Renal Pharma

Local portfolios with registrations / new products
Channel management agreement with Vifor Pharma



FRESENIUS MEDICAL CARE

THE RENAL COMPANY

Diabetes Education

Diabetes Diagnosis
& Management

CKD Prevention

CKD Treatment

ESRD Transition
Management

HD Chronic

HD Acute

Home Therapies
PD/HHD

Clinics

Polyclinics
Other Services

Renal Drugs

Vascular Care

Diabetes
Complication Mgmt

Training & Education

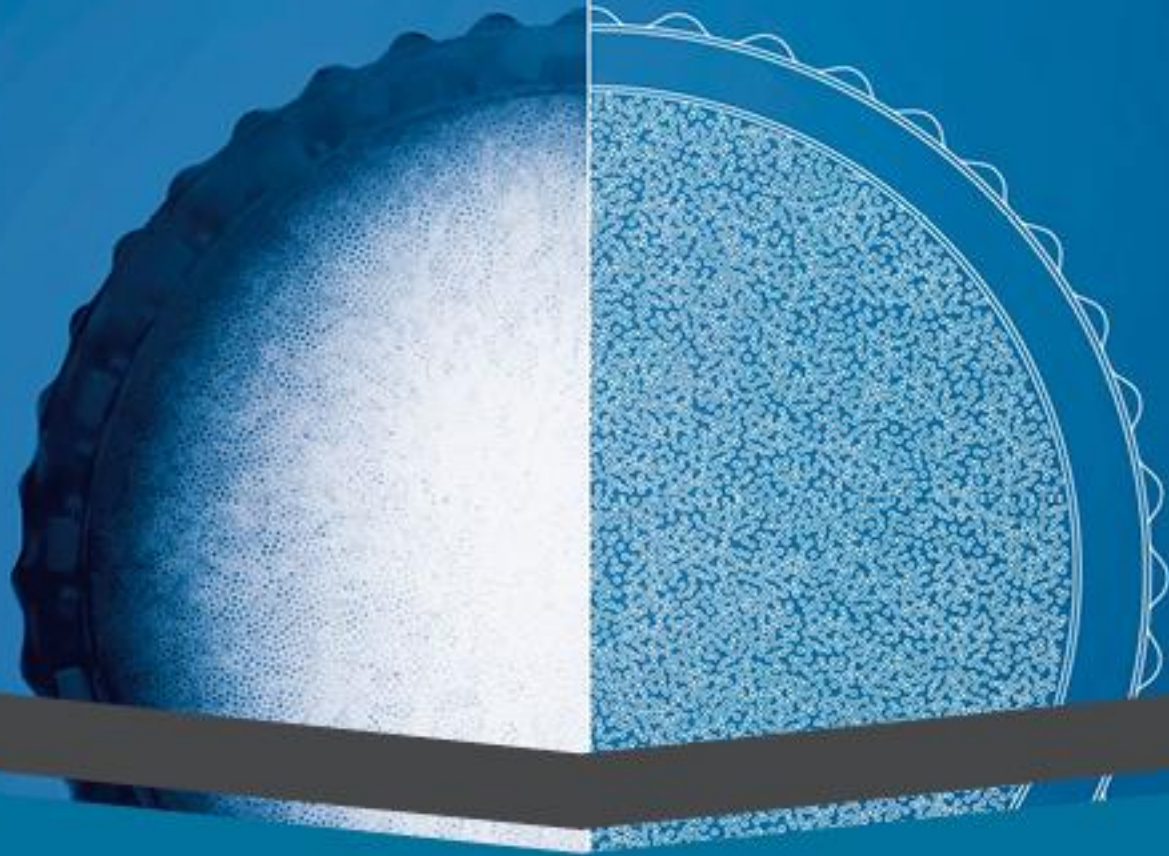
Holiday Services

FIDN

Renal Consulting

Transplantation





VIDEO



FRESENIUS MEDICAL CARE



EMEA
Rice Powell

April 3 2014, New York City

Dominik Wehner, Chief Executive Officer, EMEA



Agenda

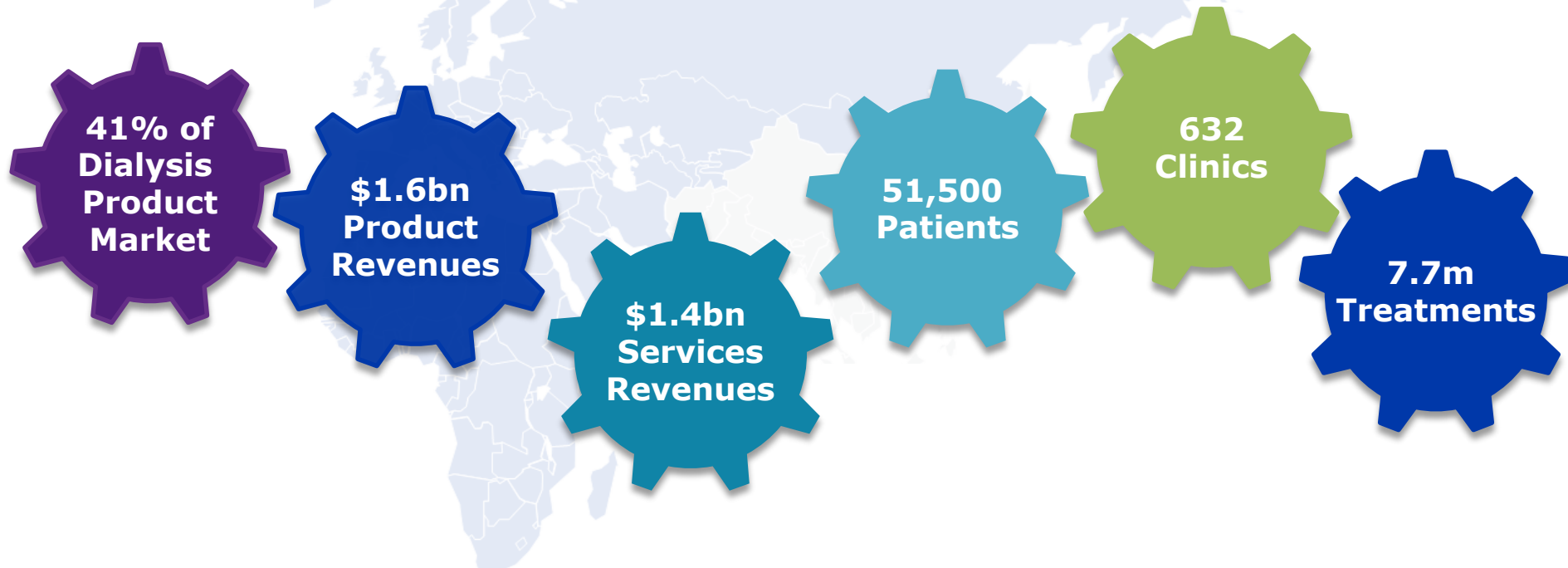
A **Our Business Today**

B **Market Dynamics**

C **Our Strategy**

D **A Focus on some EMEA countries**

Our Business Today

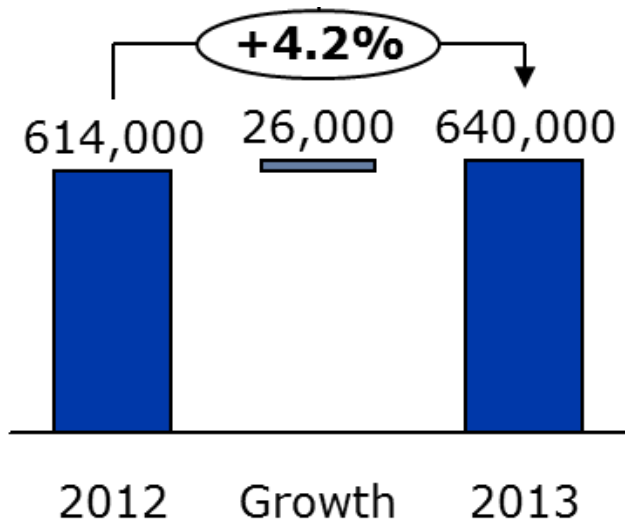




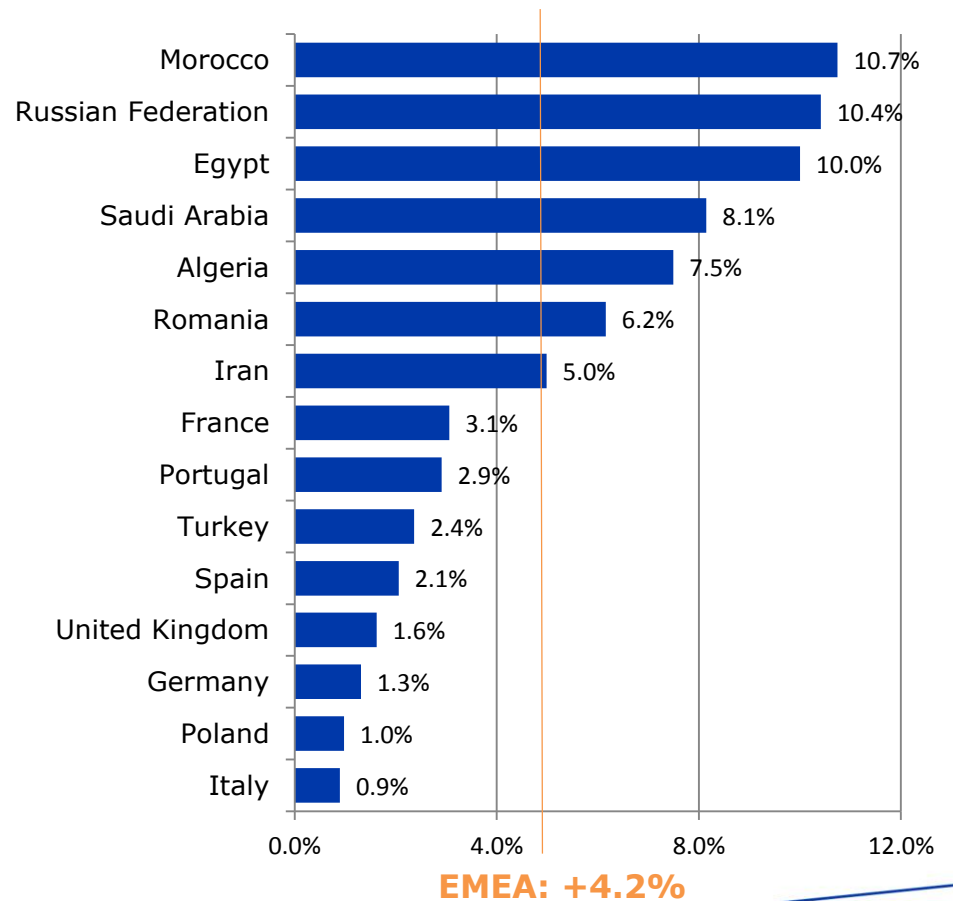
MARKET DYNAMICS

Patient Growth EMEA

Dialysis Patient Growth

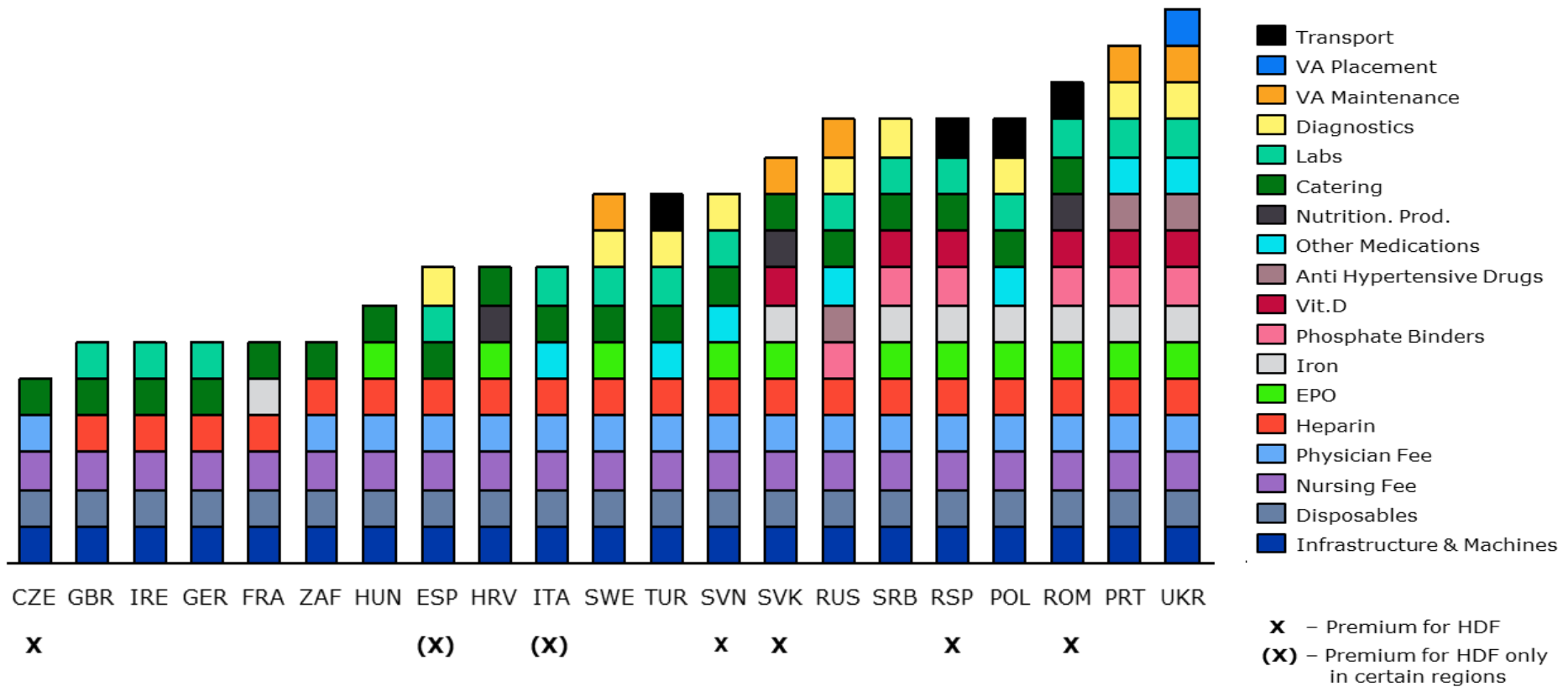


**Growth in Dialysis Patients 2012/2013
(countries with over 10,000 dialysis patients only)**

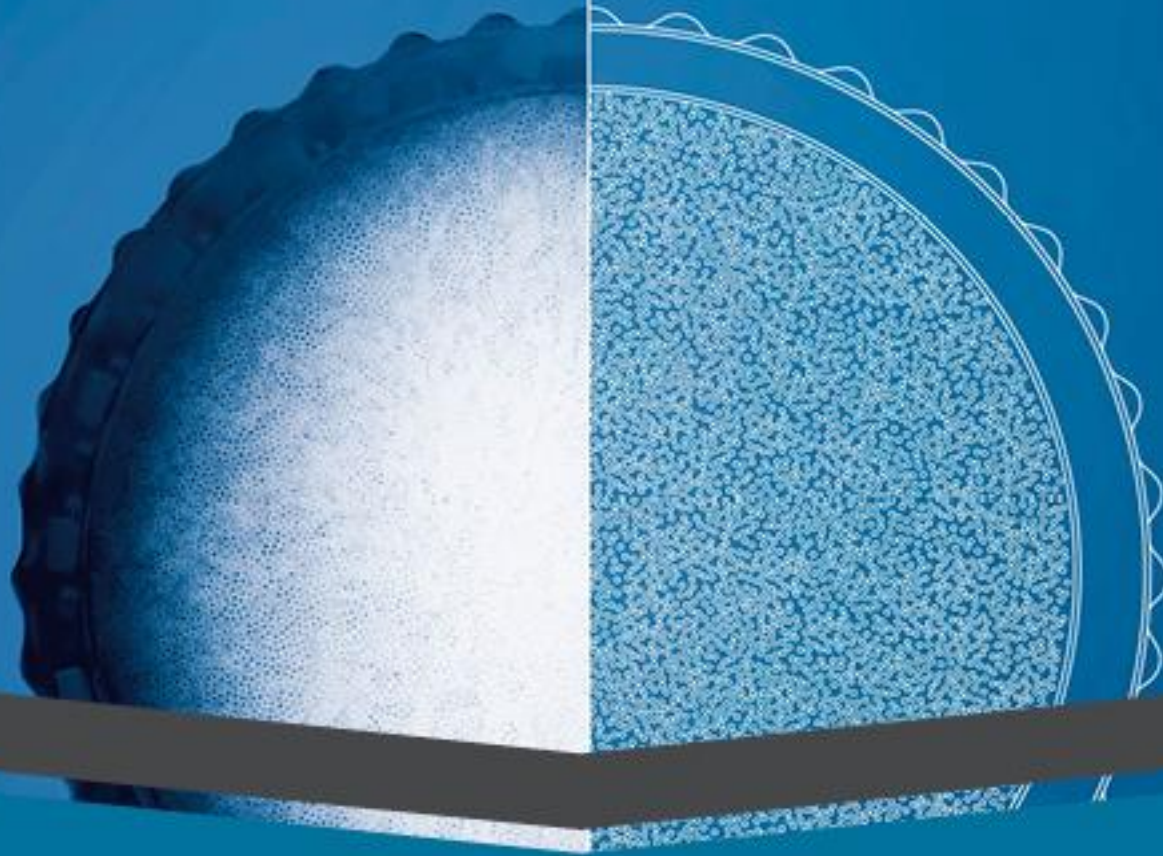


Dialysis Base Reimbursement

NOTE: Height of individual squares depicted is not related to monetary level of base reimbursement or cost

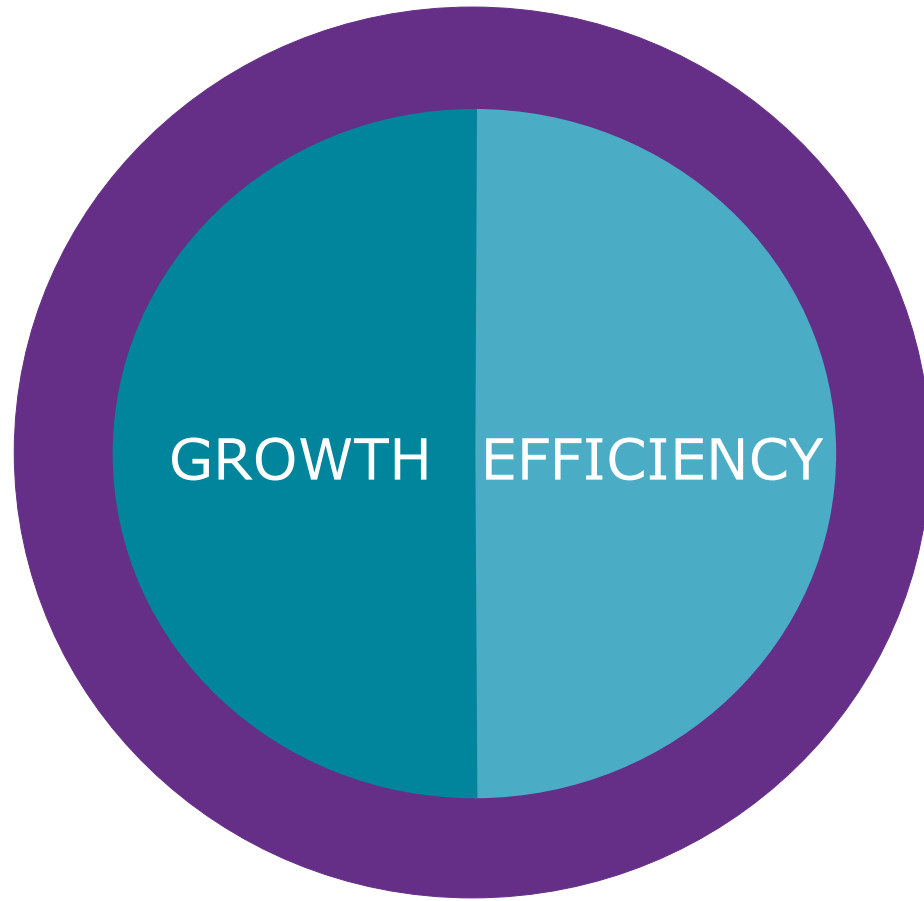


Data based on MCS 2012



OUR STRATEGY

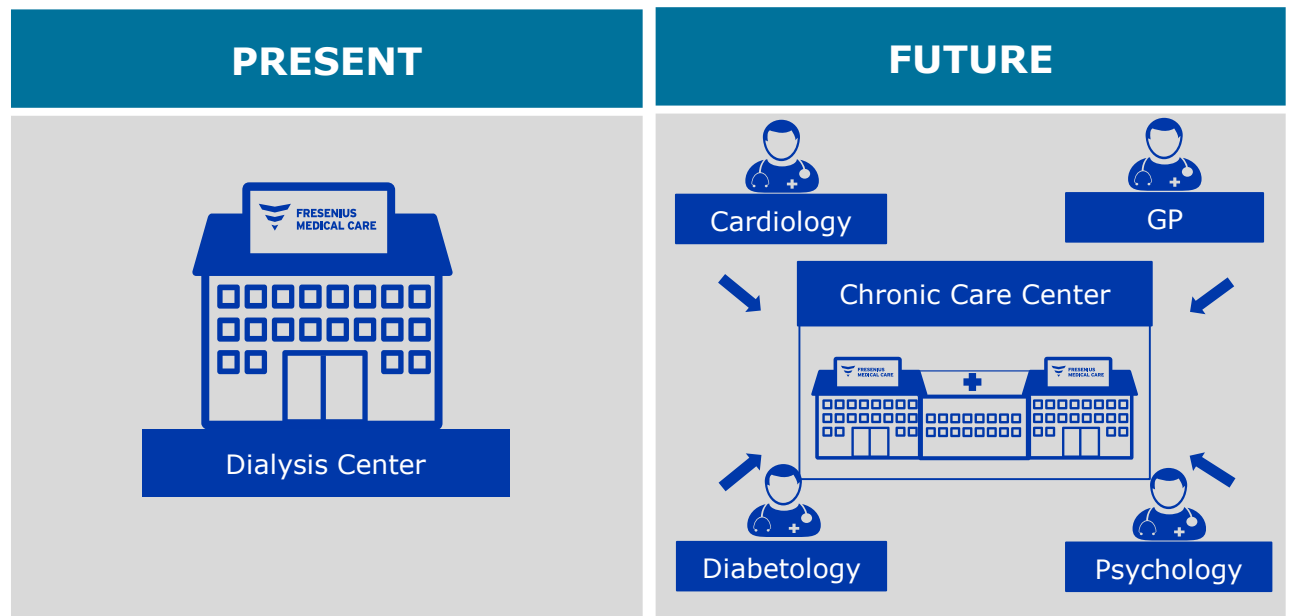
Driving the Business Forward



EMEA Strategy



- Growth in Eastern Europe
- Expand service portfolio to support Care Coordination in Western Europe and follow-up of CKD/ ESRD patients' co-morbidities

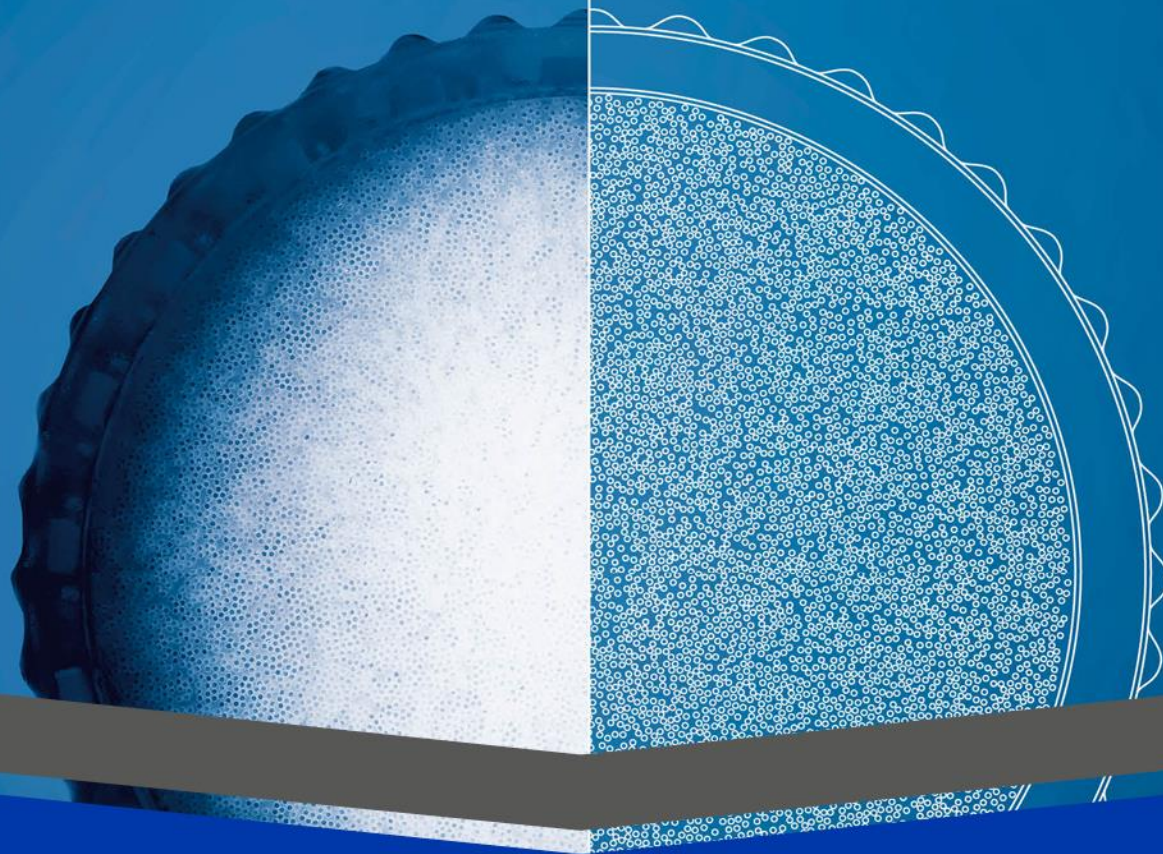


EMEA Strategy



Operational

Administrative



A FOCUS ON.....

Spain, France and Turkey

Spain: Start of Comprehensive Price in Two Regions

Dialysis Service Business in Spain



- 62 NephroCare clinics
- 5,220 patients
- >820,000 treatments p.a.
- ~\$198 reimbursement
- 23% market share
- 39% share of private market

Murcia 1st Comprehensive Contract Awarded



- 186 HD-patients
- ~\$210 reimbursement, incl. supplement for HDF-therapy

Catalonia Change to Comprehensive Contract for the Region



- 1,230 HD-patients
- ~\$240 reimbursement, incl. supplement for HDF-therapy

France: Inclusion of EPO in HD Reimbursement

Dialysis Service Business in France

Dialysis Market in France

- ~1,000 clinics
- 43,000 patients on dialysis
- ~17% of Patients treated in company-owned clinics

Growth/ Market Consolidation Opportunity

NephroCare

- 37 NephroCare Clinics
- 2,200 Patients
- 350,000 Treatments
- \$363 Reimbursement

Inclusion of EPO into Dialysis Reimbursement as of March 1, 2014

- Inclusion of EPO into Dialysis Reimbursement
- Implementation of anemia-monitoring tools to improve and optimize achievement of hemoglobin targets

Turkey: Reimbursement Management in Challenging Environment

– Increase by 7% Achieved in 2014

Dialysis Service Market in Turkey

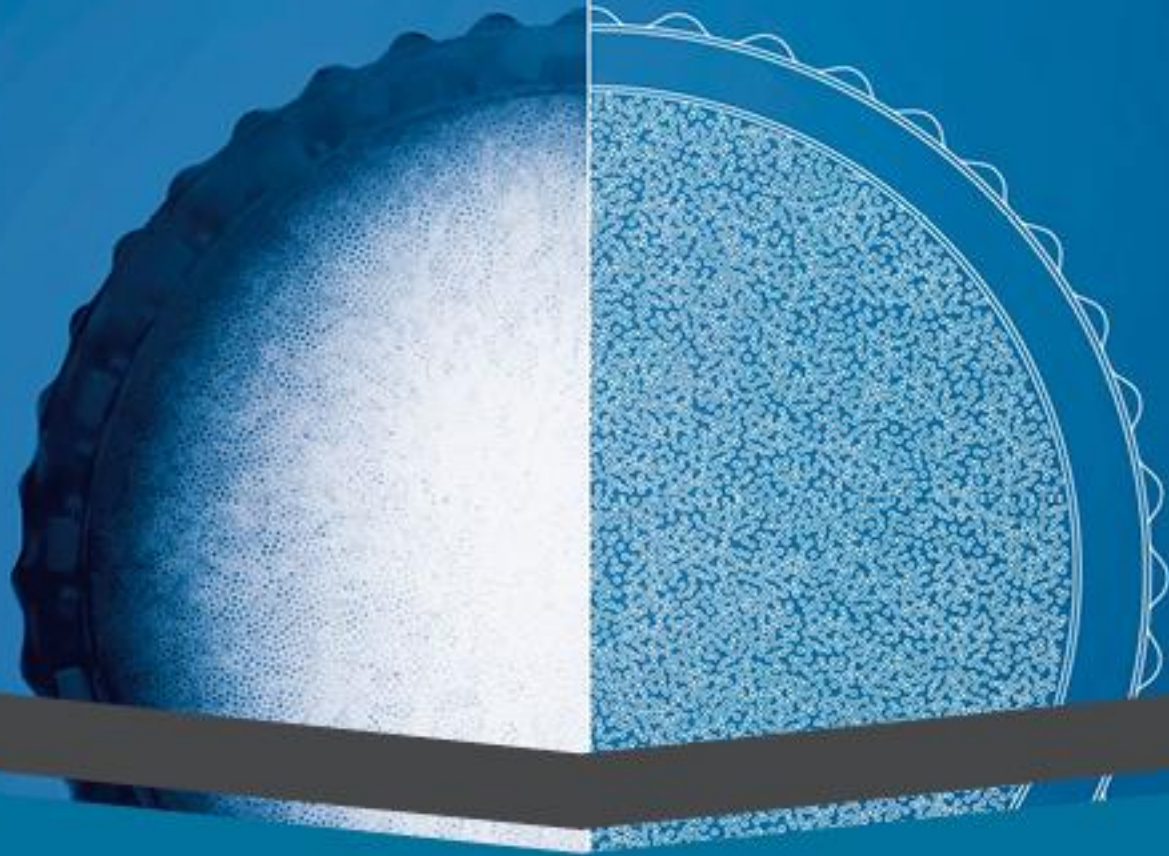


- **>57,000 patients in 852 Dialysis centers**
- **7,000 HD patients in 52 FME clinics**
- **No major reimbursement increase since 2005 despite high inflation levels**

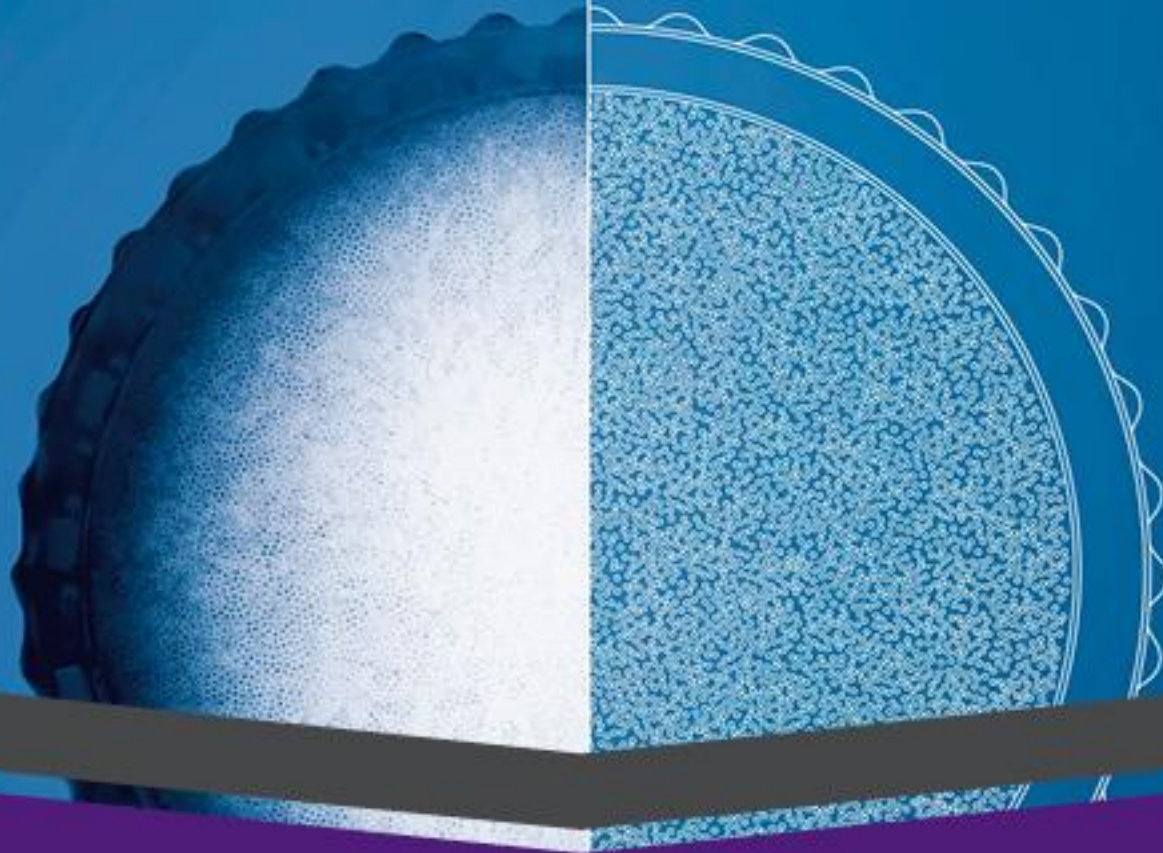
Continuous Ongoing Cost Reduction Programs



- **Continuous negotiations with Health Insurance and Government**
- **5 centers closed, 6 centers merged, 4 centers acquired and merged with 4 existing centers**
- **More closures/divestures planned**
- **Discussion with MOH and Health Insurance about additional payment on quality**



Q&A



MORNING BREAK

11:20 – 11:40



FRESENIUS MEDICAL CARE



GLOBAL R&D (GRD) Olaf Schermeier

April 3 2014, New York City

Agenda

A Global R&D Vision

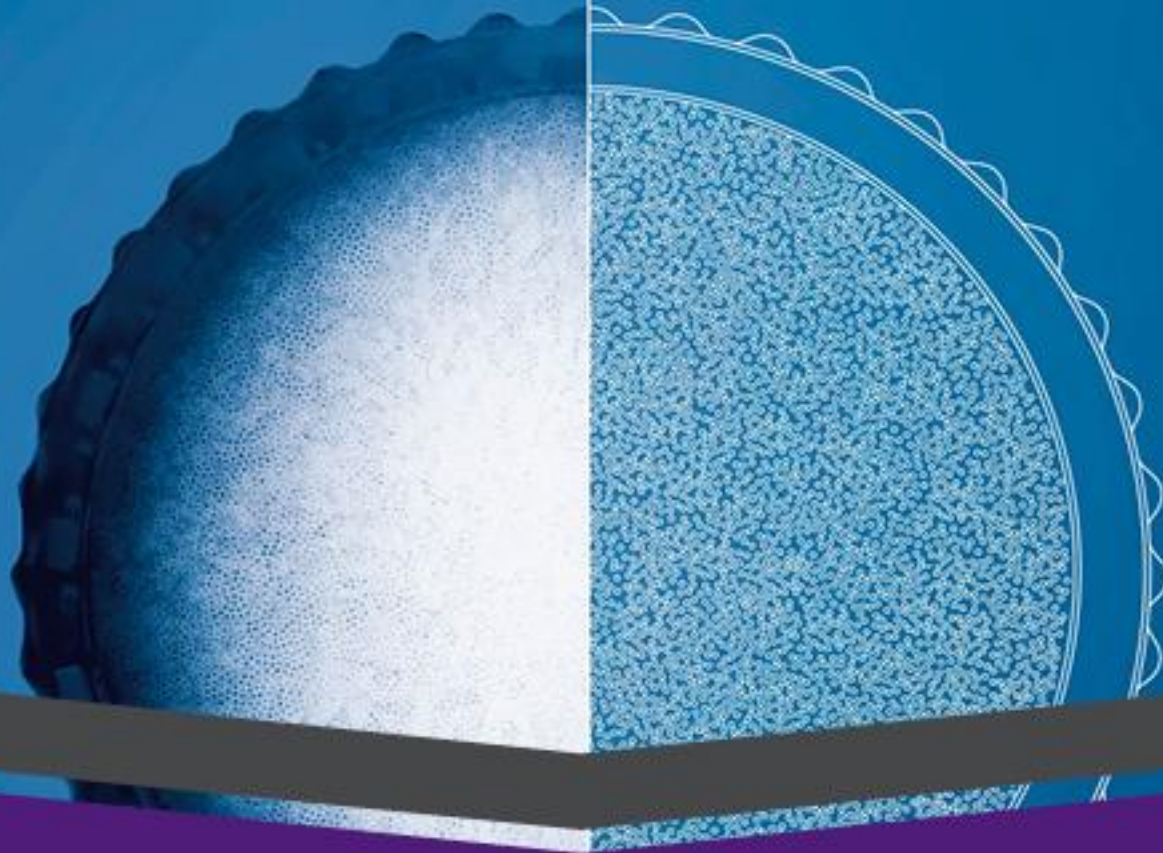
B Our Strategy

C A Focus on Innovation

Global R&D Mission

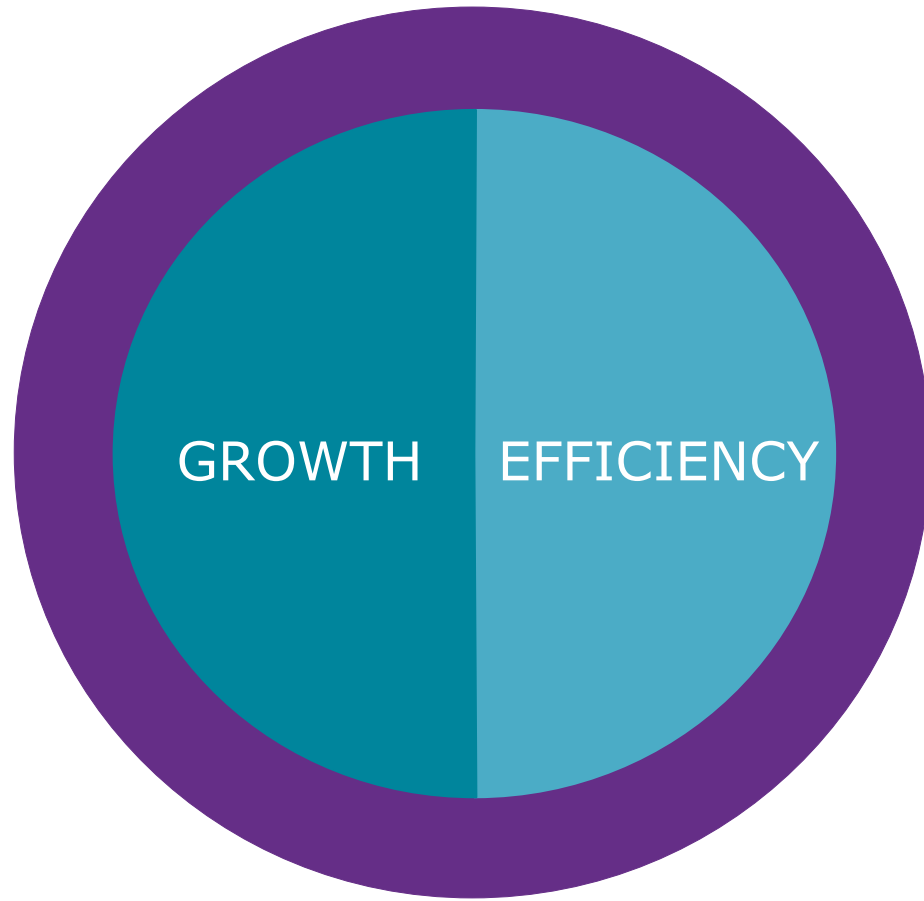


1st choice in product innovation and quality,
leveraging our vertical integration and adding value
through our products and therapy improvements

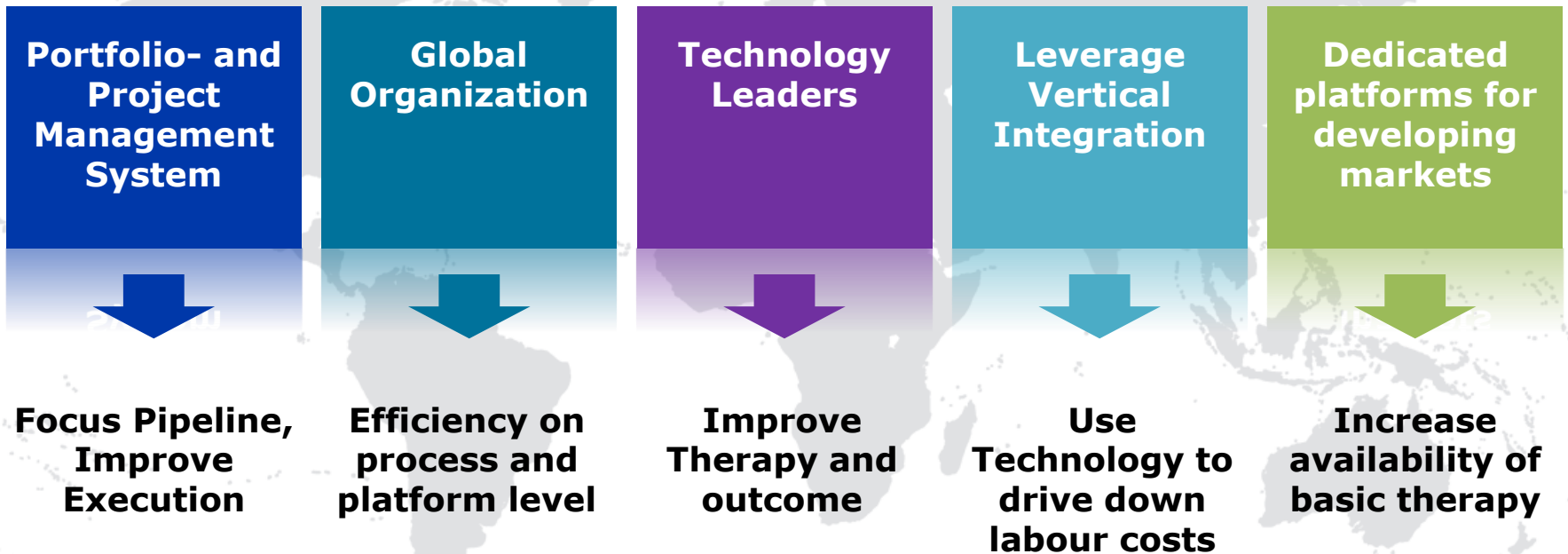


OUR STRATEGY

Driving the Business Forward



Our Strategy





INNOVATION

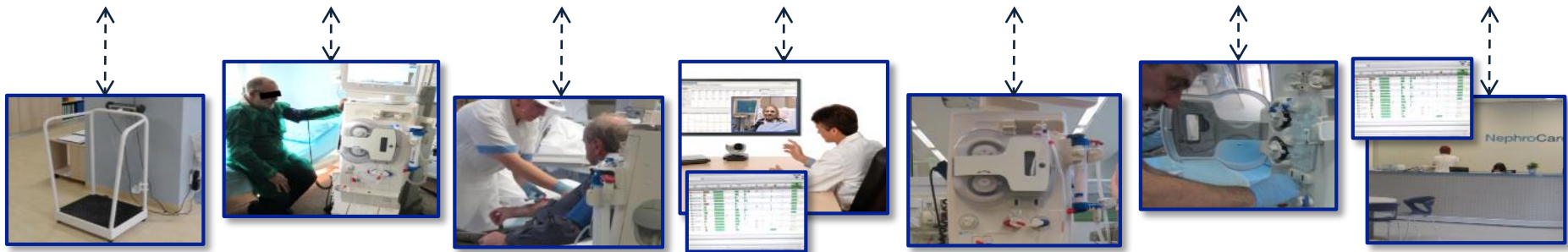
A Focus in our Business

Process Automation

Manual Workflow
Nurses and Technicians using standard equipment



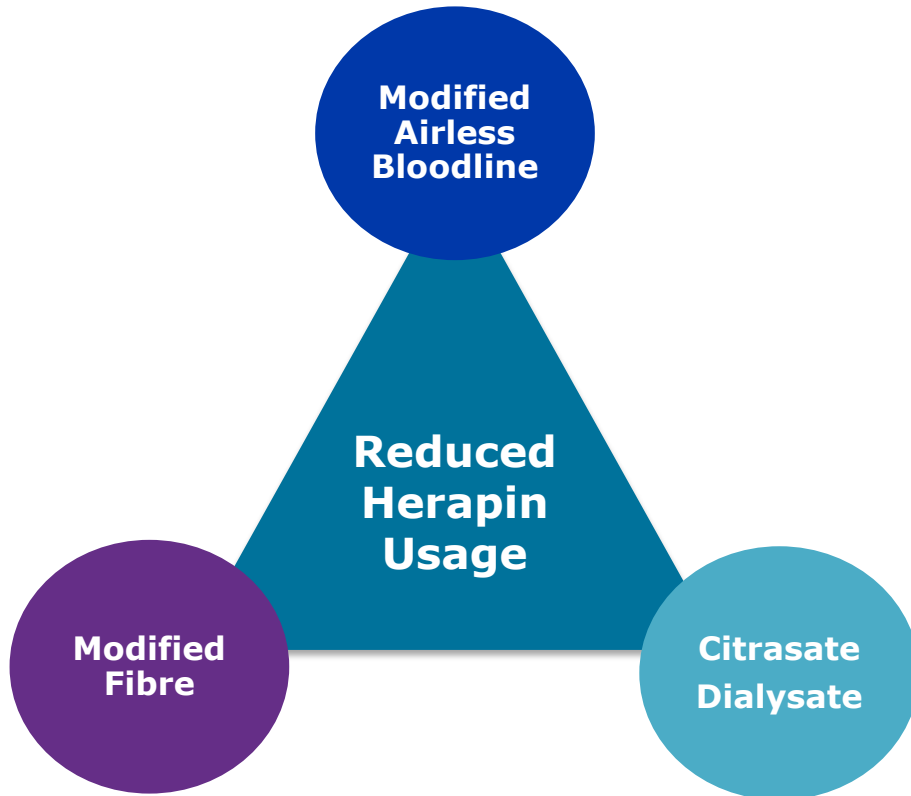
Optimized Workflow
using automation technologies



Dedicated New Machine Platforms Targeted to the Needs of Developing Markets



Innovation on Dialyzers and Bloodlines to Reduce Drug Utilization



Modified Fiber Stopped @ 21hr 29min

Arterial



Venous



Traditional Fiber Clot @ 3hr 51min

Arterial



Venous



Dedicated New Platforms Targeted to the Needs of Home HD Patients







GLOBAL MANUFACTURING OPERATIONS

FRESENIUS MEDICAL CARE

**GLOBAL MANUFACTURING
OPERATIONS (GMO)
Kent Wanzek**

April 3 2014, New York City

Agenda

A **Our Global Manufacturing Operations Network**

B **Our Capabilities**

C **Our Strategy - Adding Value**

Our Business Today

FMCNA Supply Chain

- 14 Distribution Centers
- 47 Cross Docks
- 450 Trucks
- \$12m TruBlu Revenues
- \$3m Savings – Raw Materials on TruBlu fleet

\$989m PPE (Net Book Value)

- CapEx 4-6% of Product Sales (External + Internal)

Strategic Procurement

- \$1.1bn purchased raw materials and components
- 70% long-term supply agreements

\$2.3bn Production Value

13,700 Employees

- 12,700 Operations
- ~15% of Production Value
- 1,000 Supply Chain

40 Production Sites in 20 Countries

2013 Numbers

- #1 Dialyzers – 112m
- #1 Hemodialysis Machines – 48,500
- #1 Bloodlines – 175m
- #1 Concentrates - 30%
- #2 Peritoneal Dialysis - 25%
- 24/7 or 24/6 in most facilities

Our Capabilities

Fiber Spinning



Durables



Solutions



**Warehousing,
Distribution**



Dialyzers



**Injection Molding,
Extrusion**



Foils, Films



**Electronic
Components**



Our Strategy - Adding Value





GLOBAL MANUFACTURING OPERATIONS

FRESENIUS MEDICAL CARE

Leading. Quality. Value. Solutions.



FRESENIUS MEDICAL CARE



MEDICAL/CARE COORDINATION **Franklin W. Maddux, MD FACP**

April 3 2014, New York City

Agenda

A **Our Approach**

B **Our Strategy**

C **A Focus on Innovation**

Our Approach to Value Based Care Models

$$\text{Value} = \frac{\text{Quality}}{\text{Cost}}$$



Enterprise Segments



**Products &
Therapy Assets**



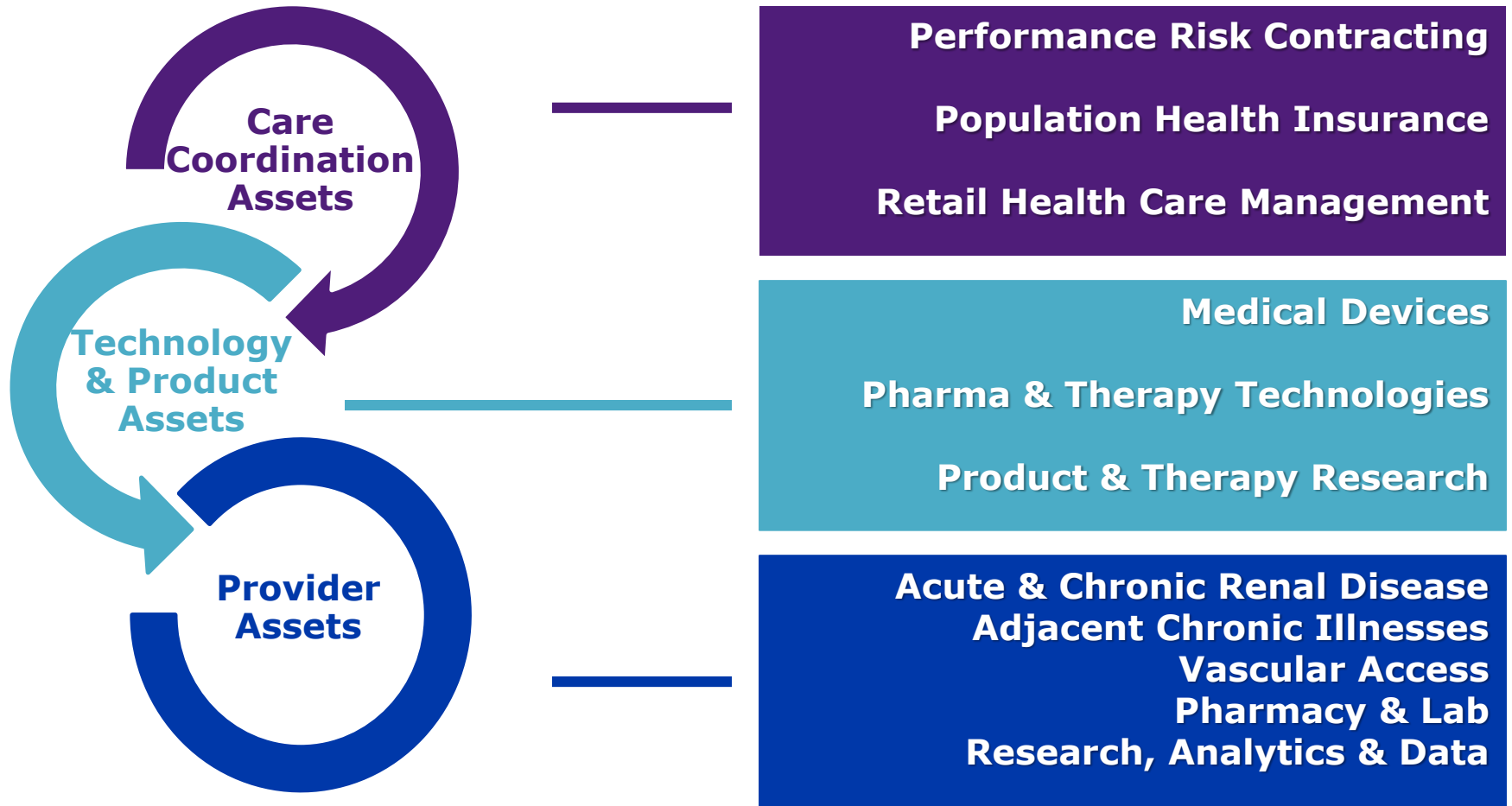
**Chronic
Disease Care
Provider
Network
Assets**



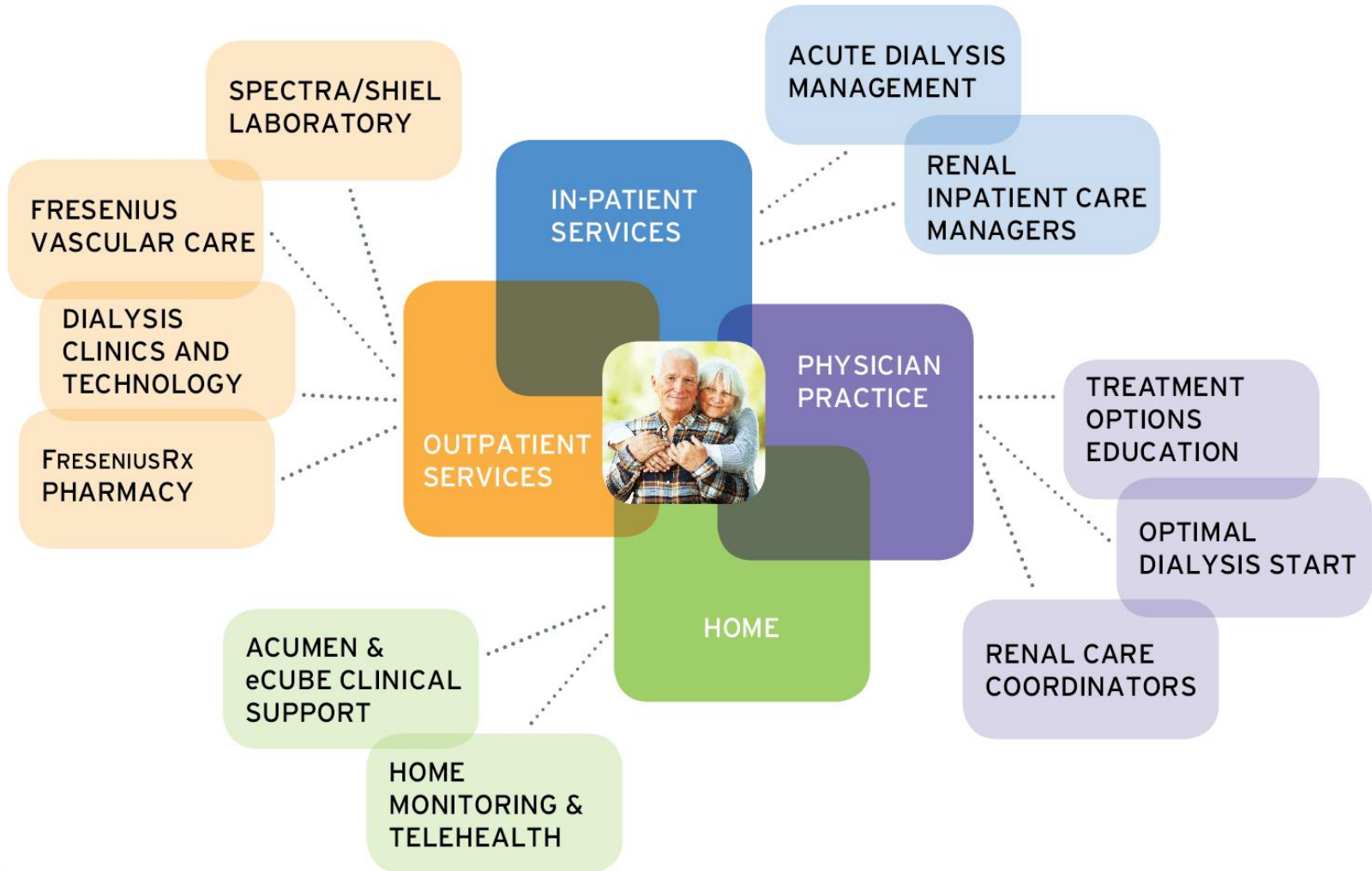
**Care
Coordination &
Performance
Risk Assets**

Aligning Resources to Coordinate Care Throughout the Health Value Chain

Business Asset Types Per Enterprise Segment

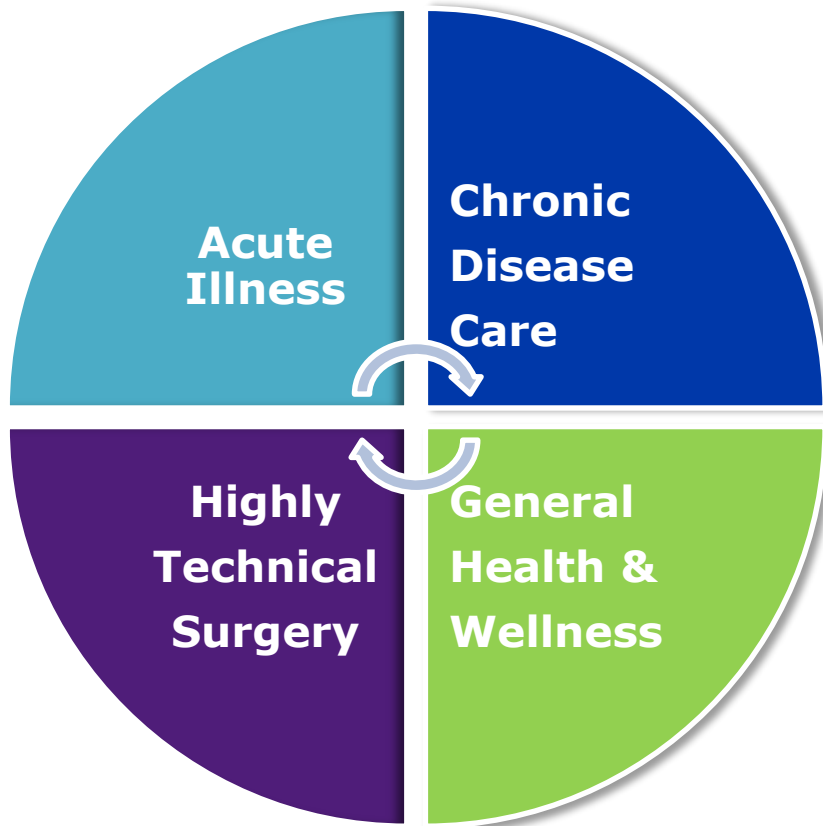


Accessing the Patient Where They Receive Care



Chronic Disease Care is Distinctive: Best Example is Renal Disease Care

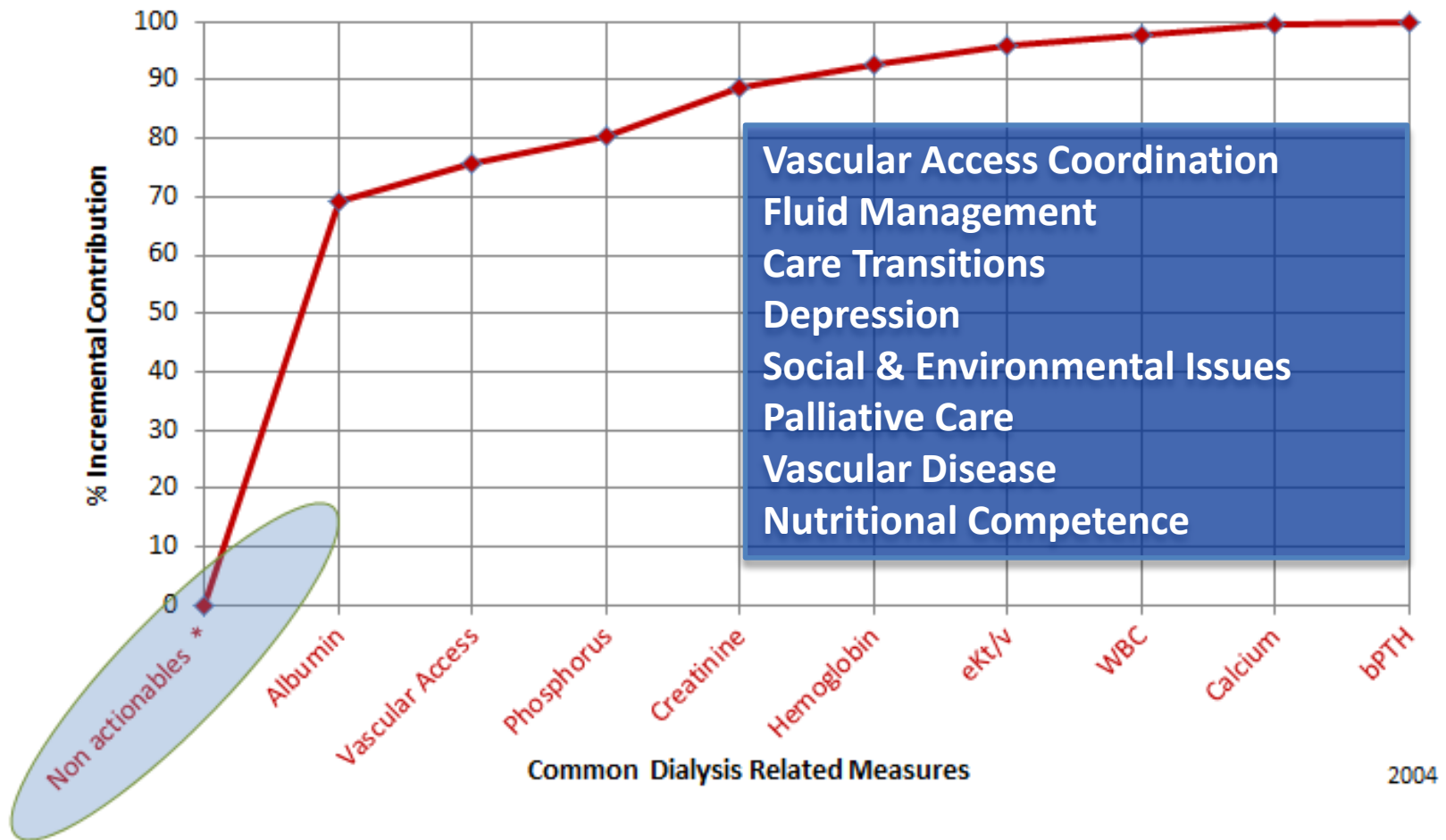
Clinical Healthcare Segments



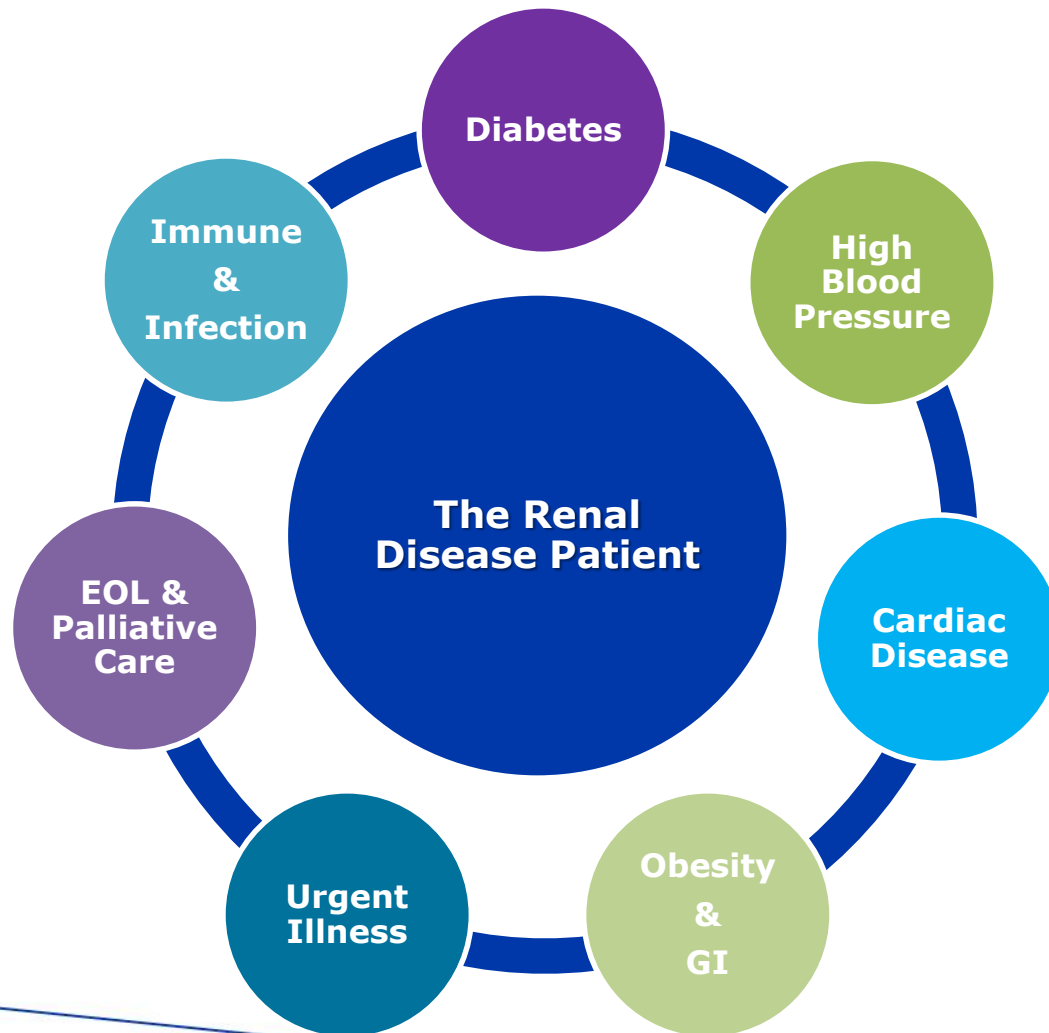
Chronic Disease Care Characteristics

- Goal is Crisis Avoidance
- Evidence-Based Care Exists
- Standardized Protocols
- Intensive Measurement
- Trends to Predict Problems
- Frequent Patient Contact & Education
- Efficient Care Yields Better Outcomes

Evolution of Our Ability to Influence Outcomes



Renal Patient Outcomes: Impact of Adjacent Illnesses

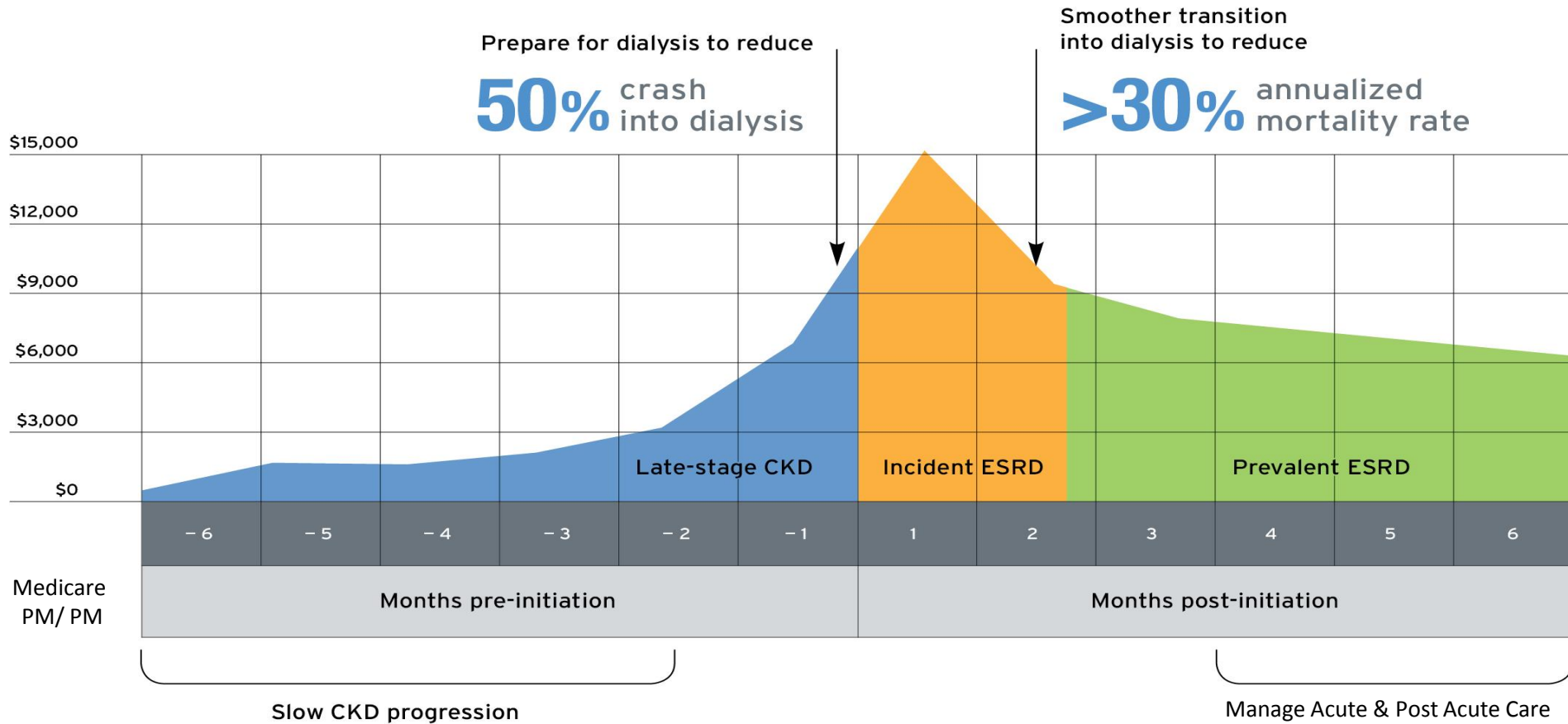


Only 30% of hard outcomes in renal disease patients controlled by dialysis treatment parameters

Outcomes driven by associated illnesses and the management of multiple conditions

2004

Organized Care for Renal Disease



55% of hospitalizations are potentially avoidable



HOW IT WORKS?

Anemia Management

Sequencing the Anemia Management Medication Portfolio in the Coming Years

2013

2018

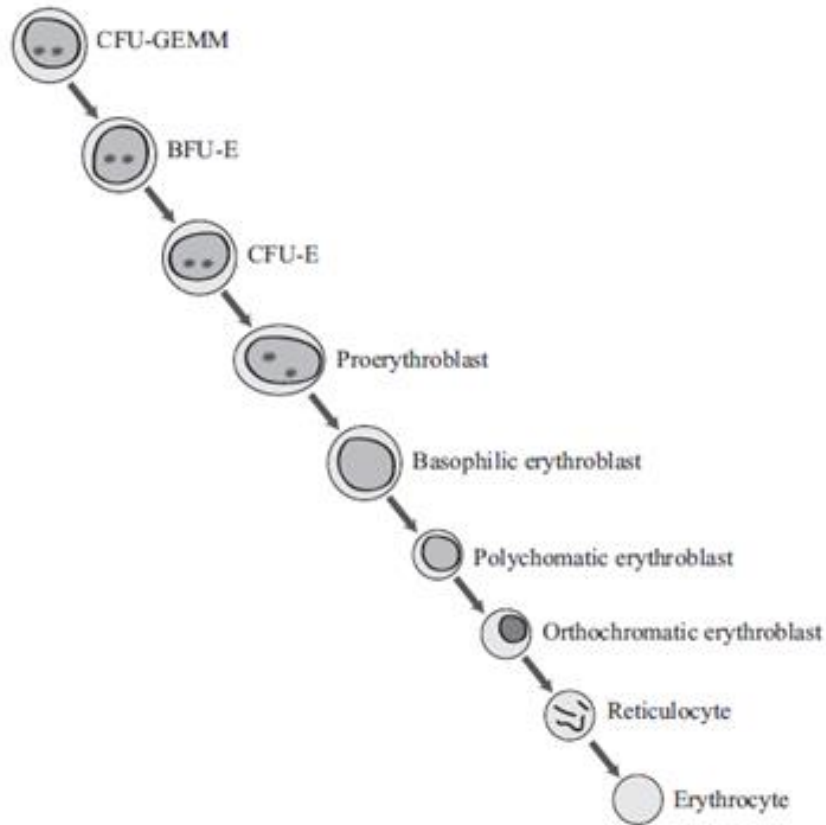


Short Acting ESA Agents

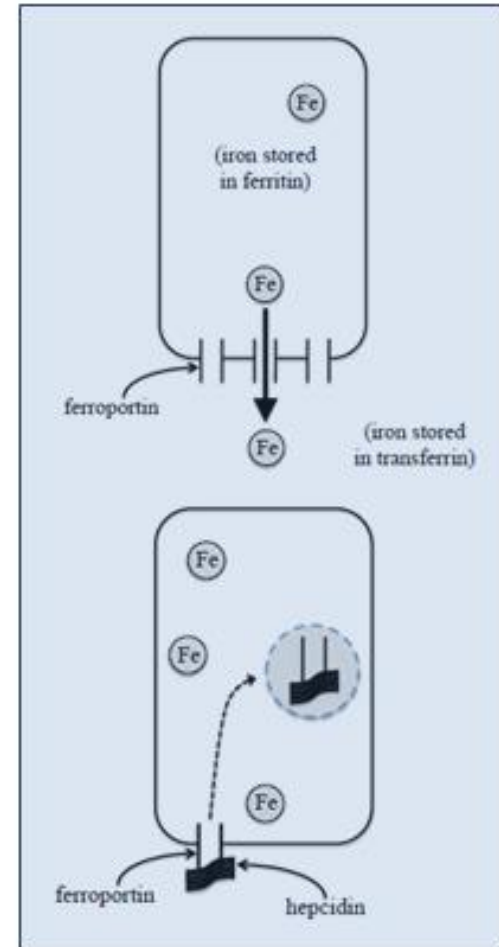
Long Acting ESA Agents

**HIF Inhibitors -
Novel Agents**

Modeling Erythropoiesis in ESRD Patients



Erythropoiesis cell lineage



Mathematical Modeling of the ESRD Patient Physiology

$$\frac{\partial}{\partial t} \int_{\gamma}^{\gamma+\Delta\gamma} \int_{\mu}^{\mu+\Delta\mu} P(t, \xi, \zeta) d\xi d\zeta = 2(\text{rate entering iron class } \gamma \text{ from class } 2\gamma)$$

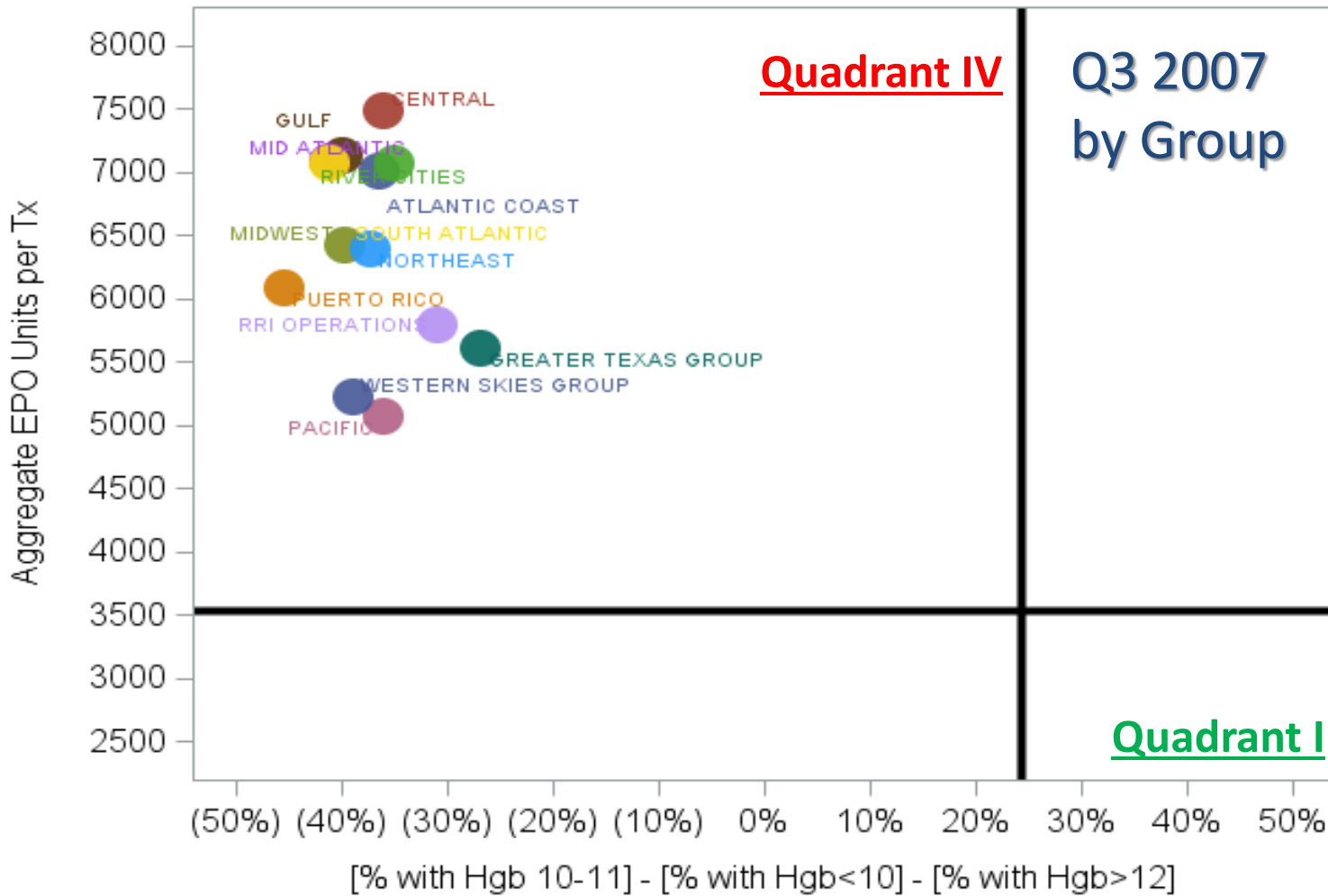
- (rate of cells leaving iron class γ)
- (death rate) + (rate of maturation in)
 - (rate of maturation out)
 - + (rate of hemoglobinization in)
 - (rate of hemoglobinization out)

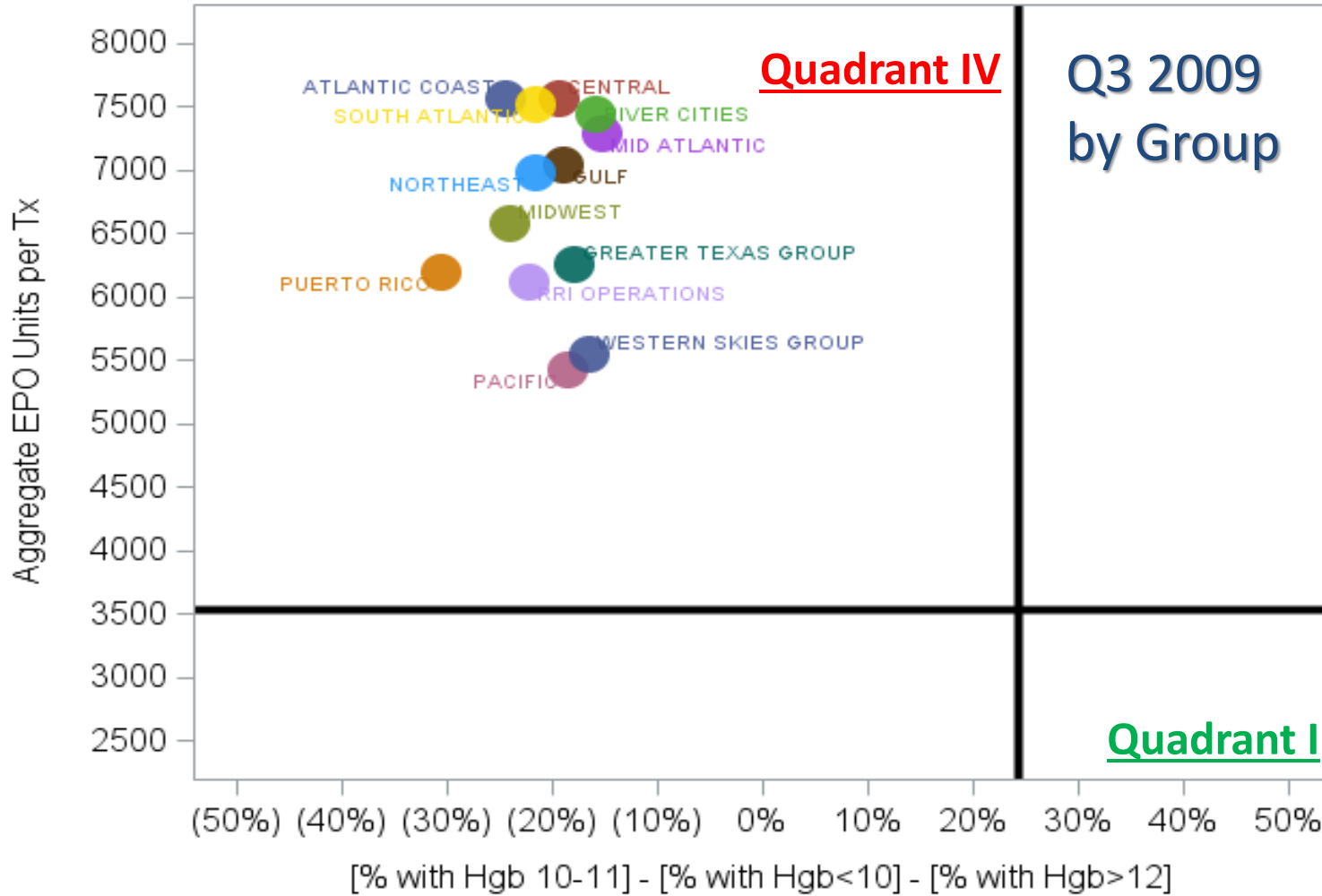
$$\begin{aligned}
 &= 2 \int_{\gamma}^{\gamma+\Delta\gamma} \int_{\mu}^{\mu+\Delta\mu} \beta P(t, \xi, 2\zeta) d\xi d\zeta \\
 &\quad - \int_{\gamma}^{\gamma+\Delta\gamma} \int_{\mu}^{\mu+\Delta\mu} \beta P(t, \xi, \zeta) d\xi d\zeta \\
 &\quad - \int_{\gamma}^{\gamma+\Delta\gamma} \int_{\mu}^{\mu+\Delta\mu} \delta P(t, \xi, \zeta) d\xi d\zeta \\
 &\quad + \int_{\gamma}^{\gamma+\Delta\gamma} \rho P(t, \mu, \zeta) d\zeta - \int_{\gamma}^{\gamma+\Delta\gamma} \rho P(t, \mu + \Delta\mu, \zeta) d\zeta \\
 &\quad + \int_{\mu}^{\mu+\Delta\mu} h P(t, \xi, \gamma) d\xi - \int_{\mu}^{\mu+\Delta\mu} h P(t, \xi, \gamma + \Delta\gamma) d\xi,
 \end{aligned}$$

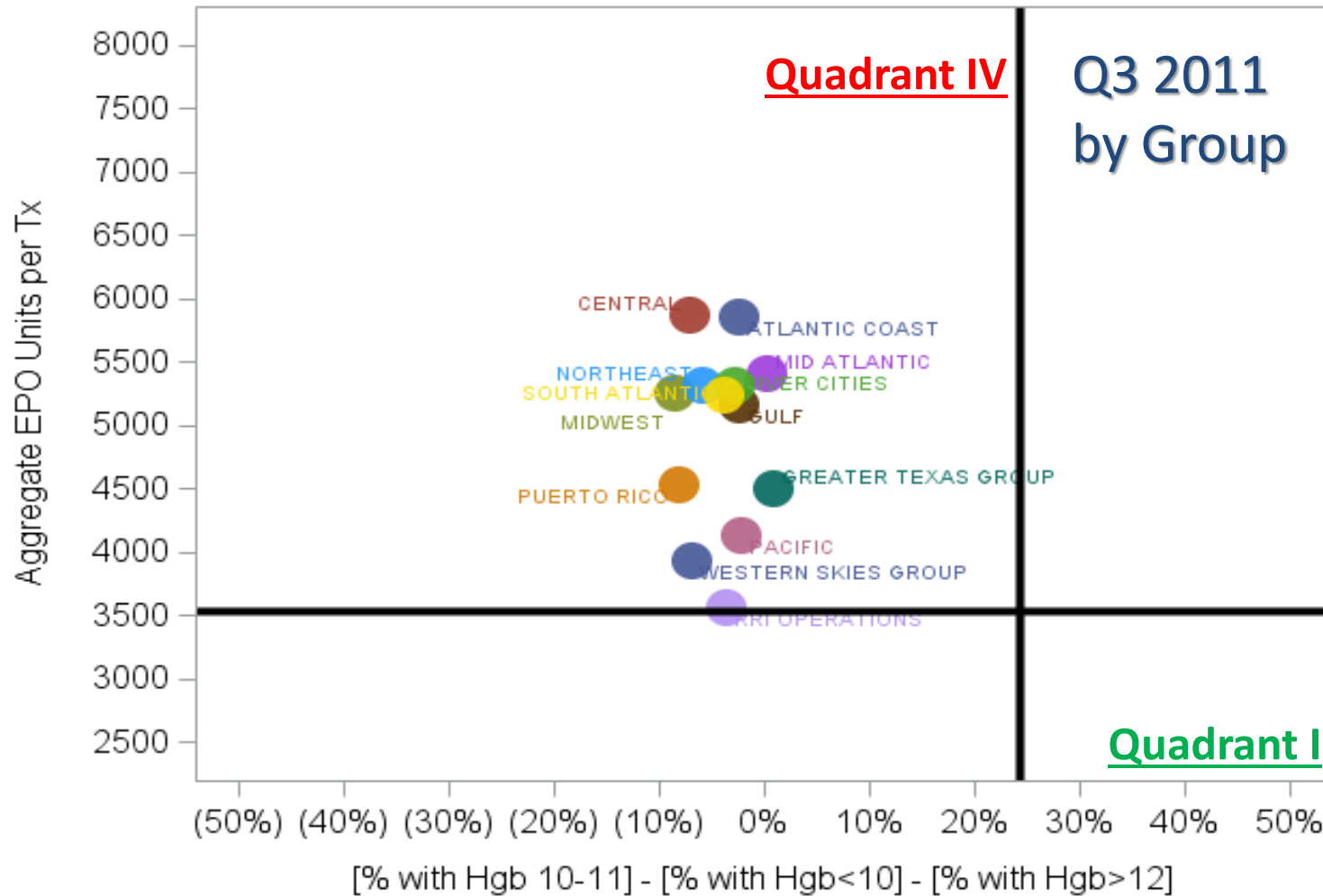
Algorithms

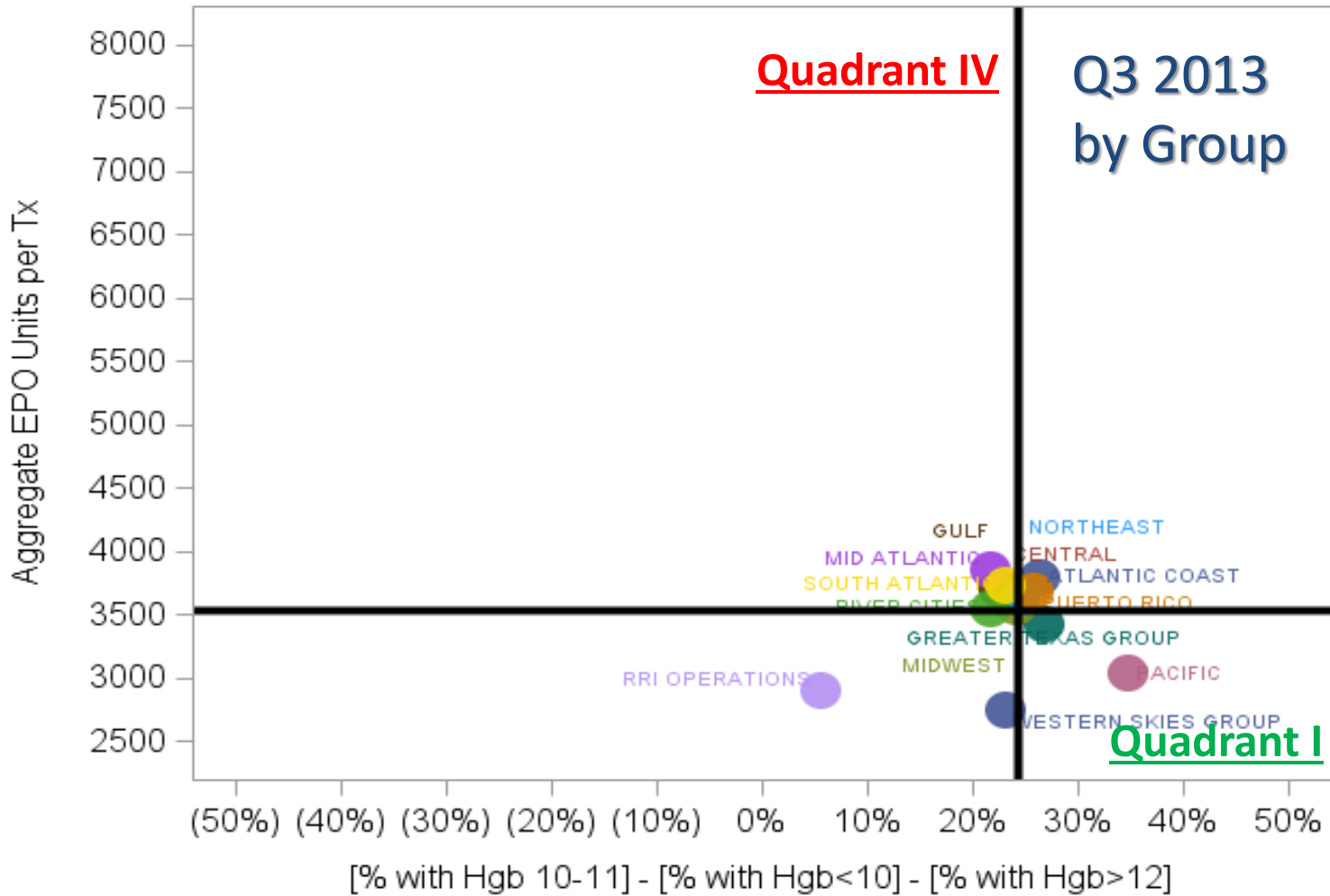
- V5
 - Current CMAB computerized algorithm
 - 65000 patients
- B
 - Pilot with Basal EPO on hold, 25% reduction
 - 4630 patients
- C
 - Pilot with basal EPO on hold, 50% reduction
 - 3213 patients
- A
 - Alternate CMAB A – like Arizona
 - 5700 patients
- Other
 - Hawaii, Kaiser, other individual algorithms, residual V4 (<15,000)
 - 52000 patients

Dustin Kapraun, Peter Kotanko, Franz Kappel and Doris Furtinger











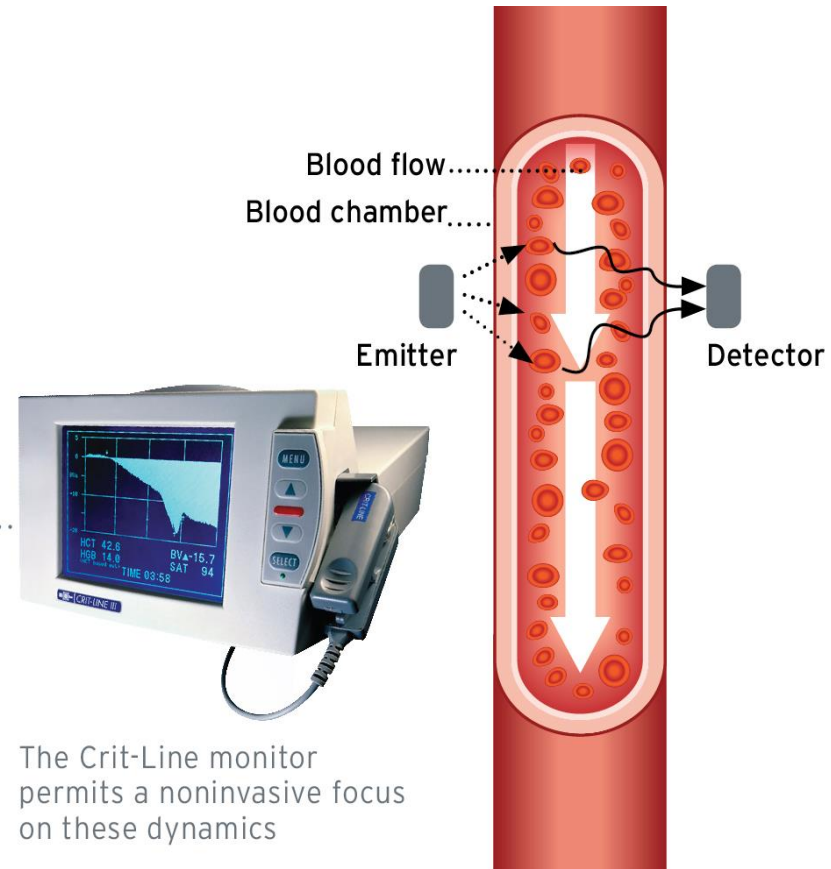
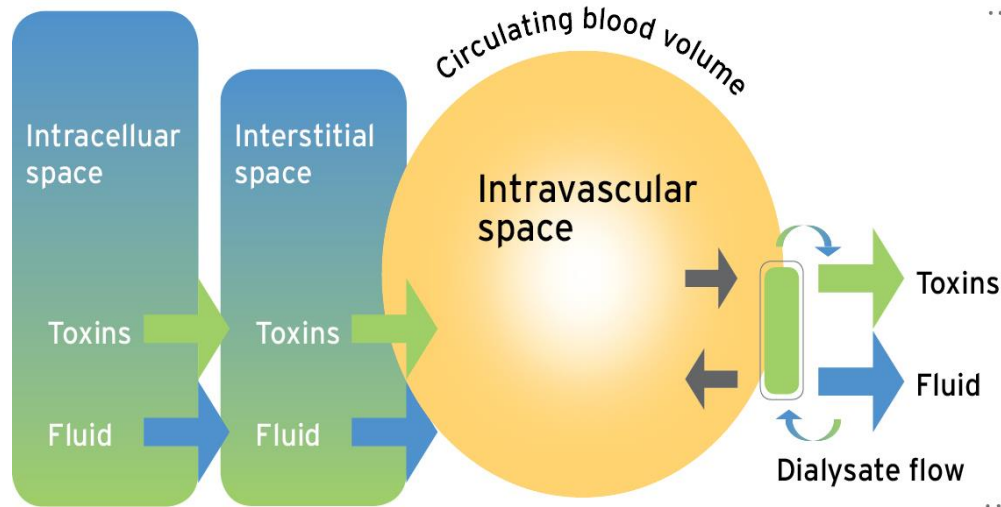
HOW IT WORKS?

Fluid Management Strategies

1. Targeting the Correct Dry Weight
2. Avoiding Sodium Loading During Dialysis
3. Avoiding Missed & Shortened Treatments

Assessing fluid balance

Window into your patient's bloodstream
Vascular space dynamics are key in fluid management



The Crit-Line monitor permits a noninvasive focus on these dynamics

Crit-Line Initial Results: Four Months of Follow Up



N=226 clinics



HOW IT WORKS?

Maintaining Nutritional Competence

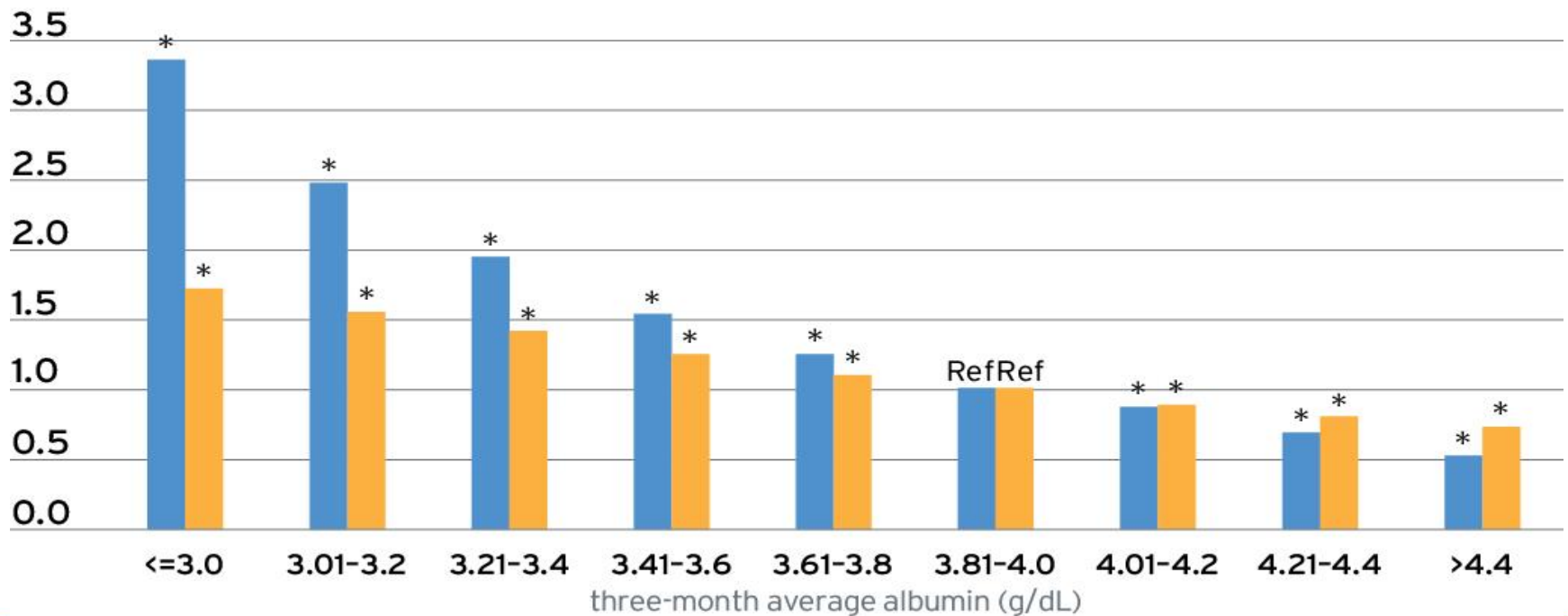
Why is Nutrition So Important?

Improving mortality risk and risk for hospitalization

(hazard ratios)

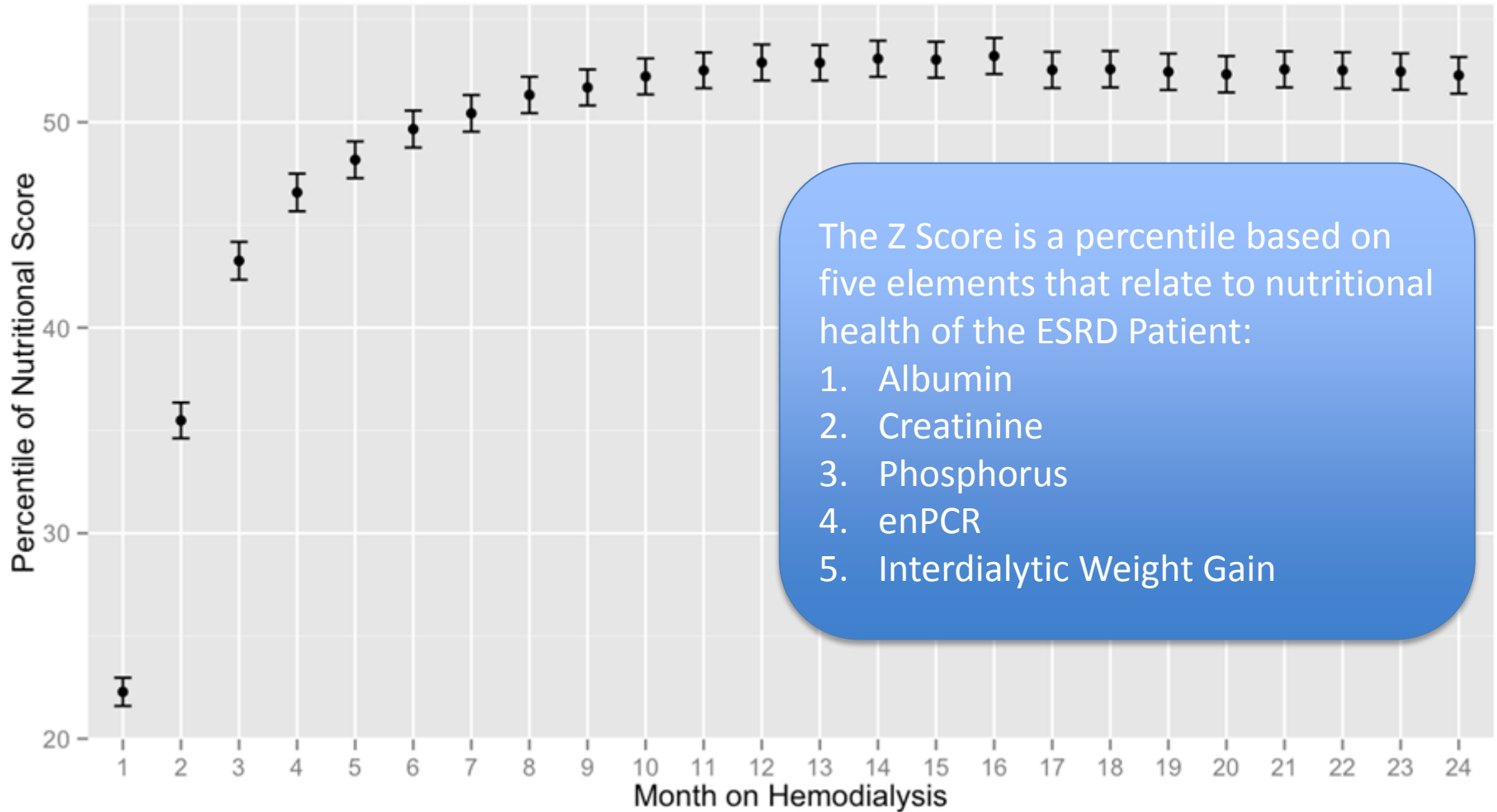
■ Mortality ■ Hospitalization

* $p < 0.001$

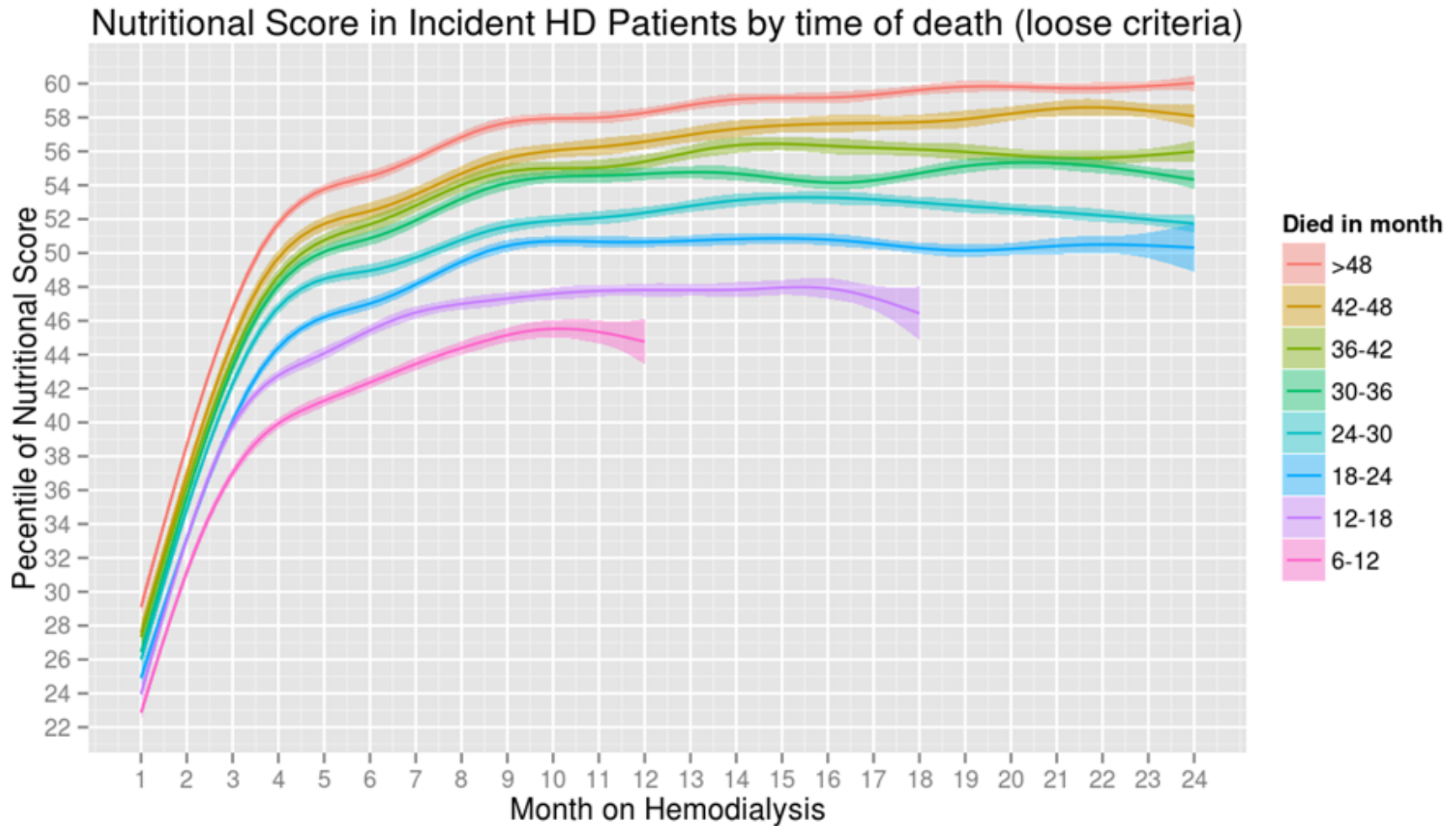


A Novel Nutritional Competence Indicator – The Z Score

Evolution of Nutritional Score in Incident HD Patients

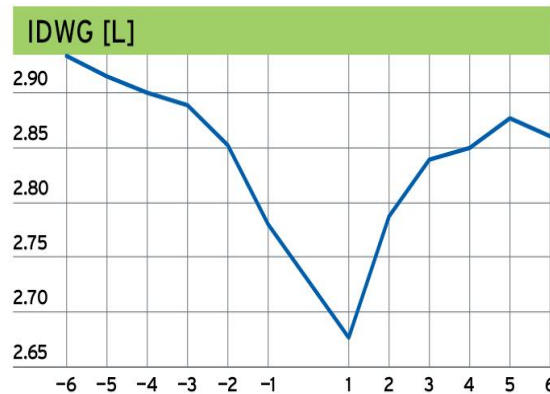
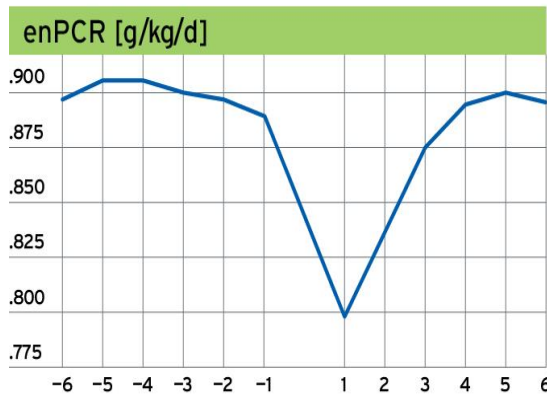
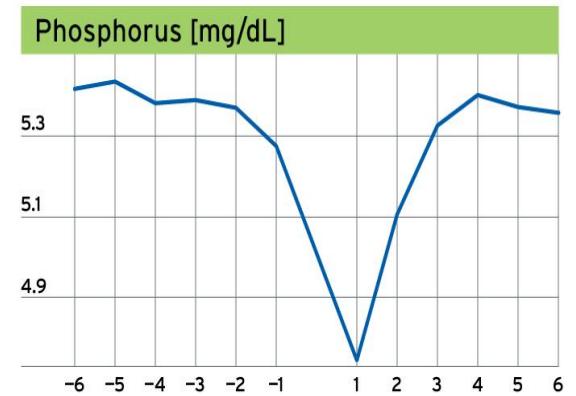
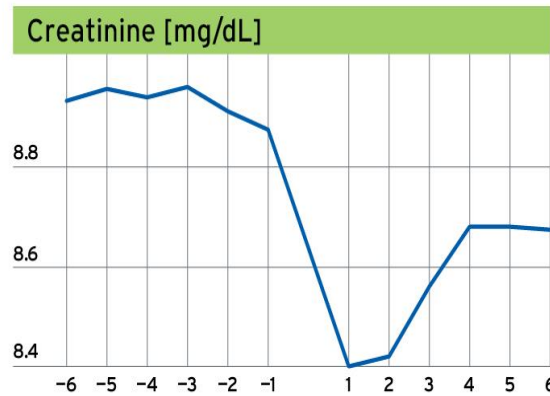
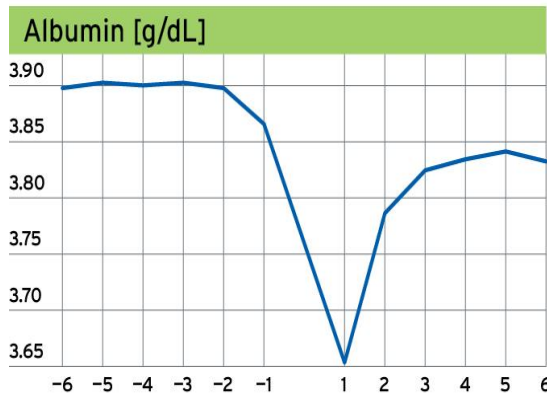


The Trajectory of the Z Score Change Helps Predict Outcomes



Components of the Nutritional Z Score During Hospitalization

Time course of nutritional parameters around time of hospitalization



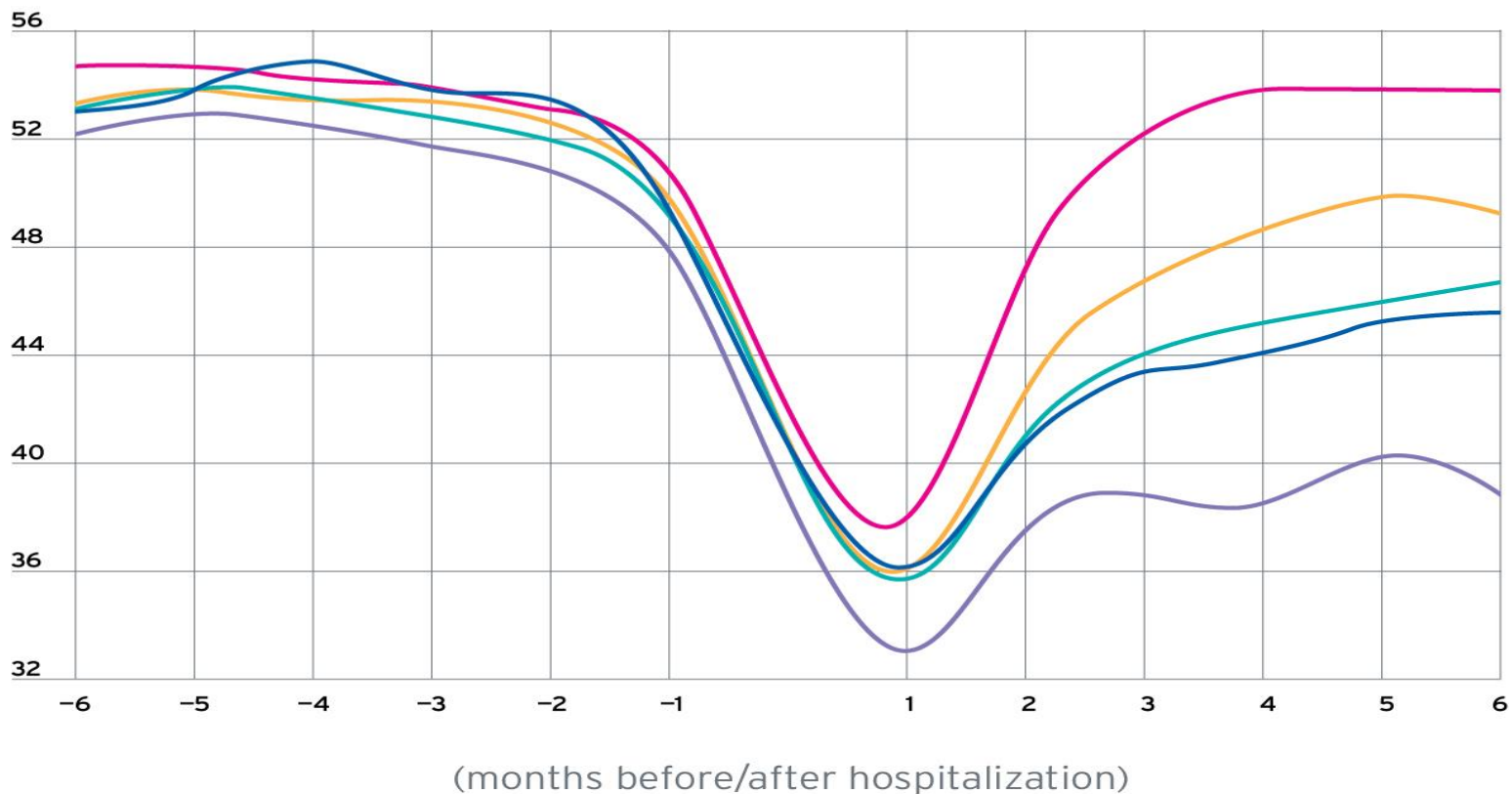
(months before/after hospitalization)

The Impact of Readmission on Nutritional Competence

Nutritional score around hospital by number of rehospitalizations

(percentile of nutritional score, loose criteria utilized)

Number of rehospitalizations ■ 0 ■ 1 ■ 2 ■ 3 ■ ≥ 4

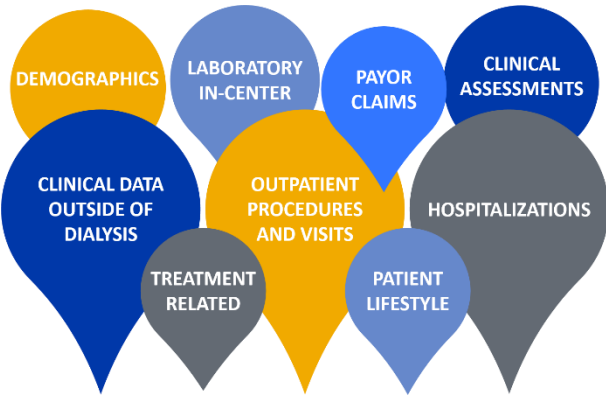




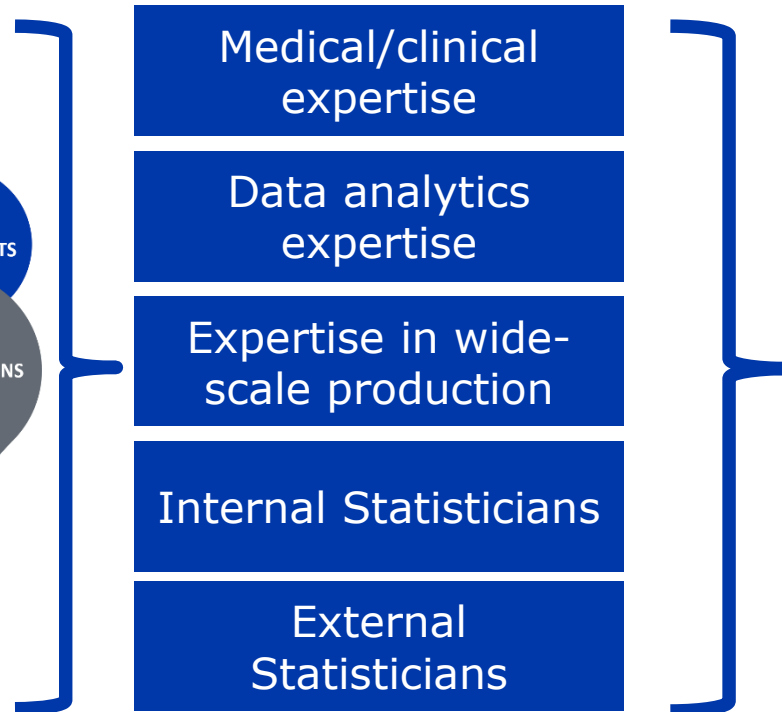
PREDICTIVE ANALYTICS

Predictive Analytics – The Process

Data Needed



Skills Needed



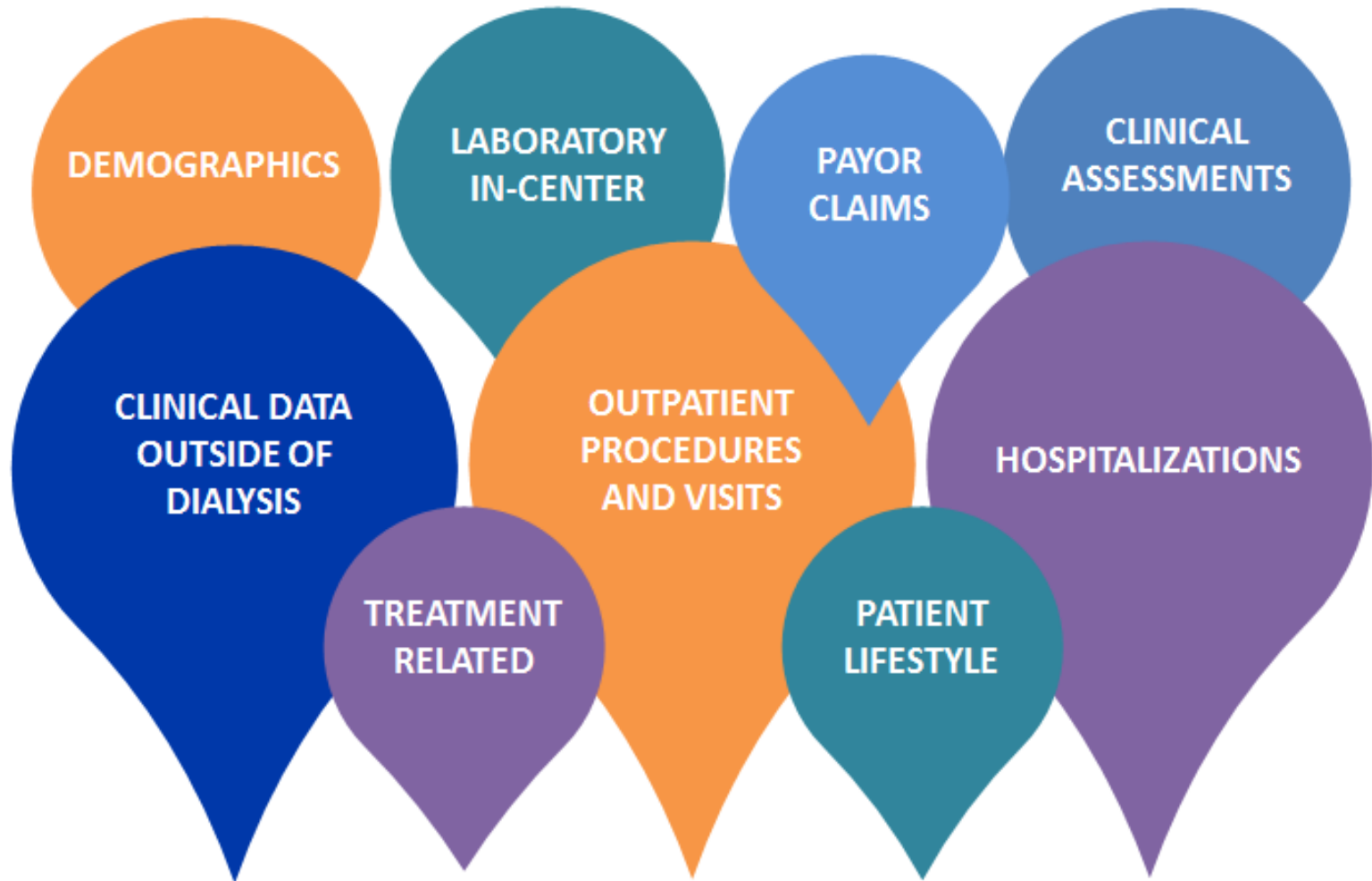
Patient Cohorts

**CKD
4-5**

**ESRD
INCIDENT
PATIENTS**

**ESRD
PREVELANT**

Data Sources



Example Predictive Models

CKD PROGRESSION MODEL

INPUT = CLINICAL DATA
OUTPUT = GFR IN 6 MONTHS

CKD PROGRESSION LIGHT MODEL

INPUT = CLAIMS DATA
OUTPUT = GFR IN 6 MONTHS

HIGH-RISK HOSPITALIZATION MODEL

INPUT = CLINICAL DATA
OUTPUT = PROBABILITY OF >5 ADMITS

HIGH-RISK LIGHT HOSPITALIZATION MODEL

INPUT = CLINICAL DATA
OUTPUT = PROBABILITY OF >5 ADMITS

HIGH-RISK INCIDENT MODEL

INPUT = CLINICAL DATA
OUTPUT = OUTCOMES IN 120 DAYS

READMISSION MODEL

INPUT = CLINICAL DATA
OUTPUT = PROBABILITY OF READMISSION

EOL MODEL

INPUT = CLINICAL DATA
OUTPUT = DEATH IN NEXT 6 MONTHS

Complex Mathematical Models

HIGH-RISK HOSPITALIZATION MODEL

OUTPUT = PROBABILITY
OF
>5 ADMITS IN
12 MNS

Decision Trees

Random Forest

Artificial Neural Networks (ANN)

Supported Vector Machines (SVM)

Least Absolute Shrinkage and Selection Operator

Multivariate Adaptive Regression Spline (MARS)

Predictors based on historical hospitalization rate

Multiple regression models

Generalized Additive Model (GAM)

General Linear Model (GLM)

Measuring Successful Models

**HIGH-RISK
HOSPITALIZATION
MODEL**

OUTPUT = PROBABILITY
OF
>5 ADMITS IN
12 MNS

AUC = 0.90

41 PREDICTORS

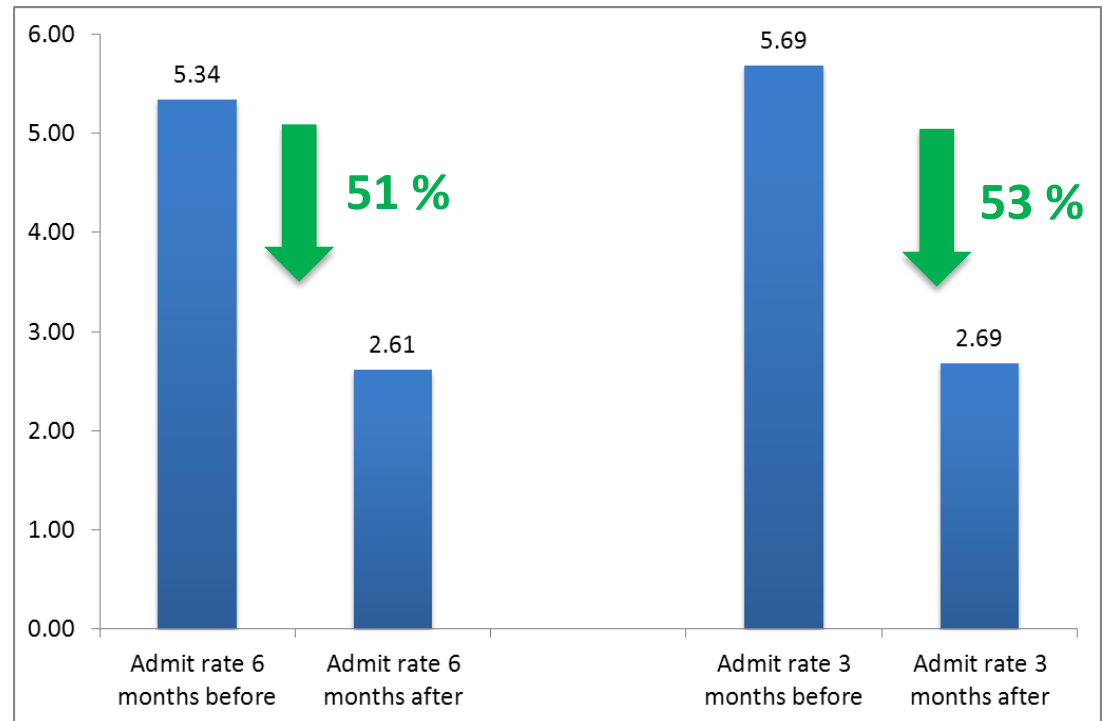
NON-LINEAR RELATIONSHIPS

Applying Interventions Selectively

**HIGH-RISK
HOSPITALIZATION
MODEL**
OUTPUT = PROBABILITY
OF
>5 ADMITS IN
12 MNS

**MODEL FULLY AUTOMATED AND
IMPLEMENTED**

INITIAL RESULTS





Q&A



LUNCH

13:00 – 13:40

This Afternoon's Agenda

13:40 **Financials** - Mike Brosnan

14:10 **Summary** - Rice Powell

14:15 **Q&A**



FRESENIUS MEDICAL CARE



FINANCIALS **Mike Brosnan**

April 3 2014, New York City

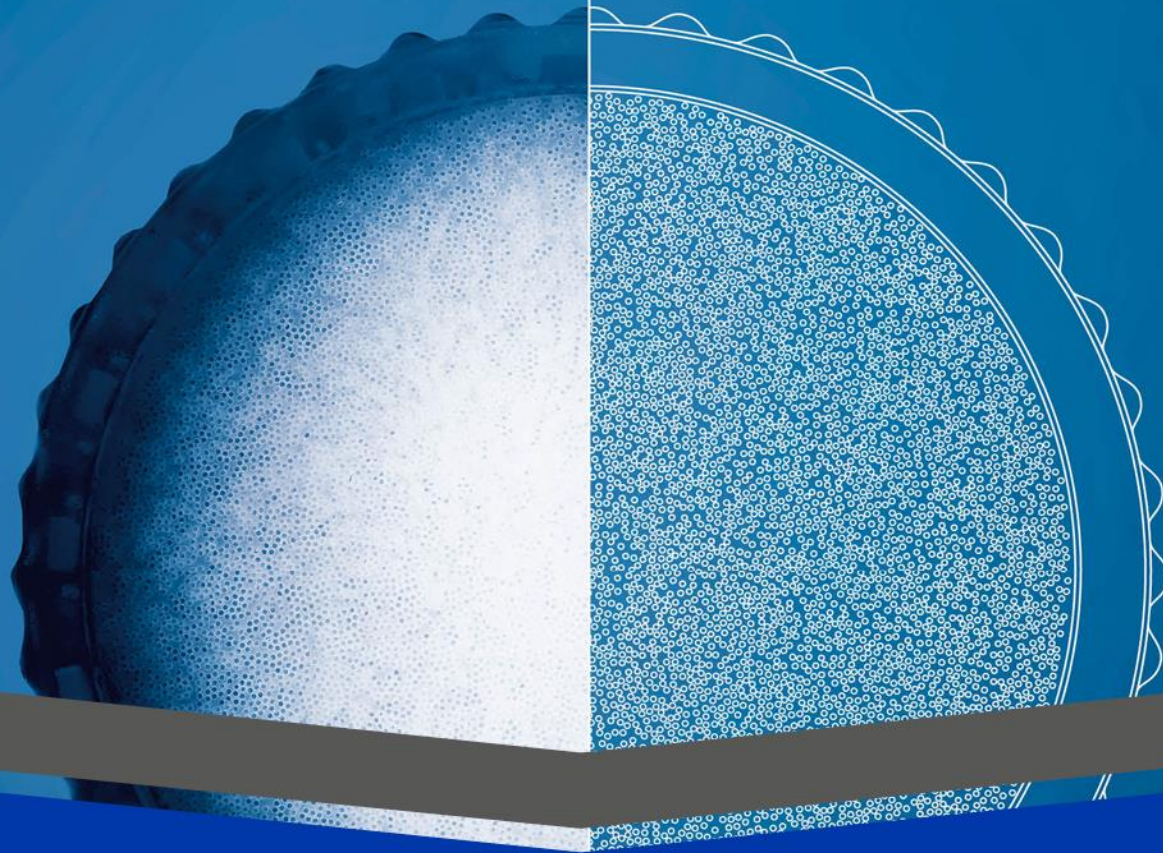
Agenda

A Global Efficiency Program

B Financial Outlook

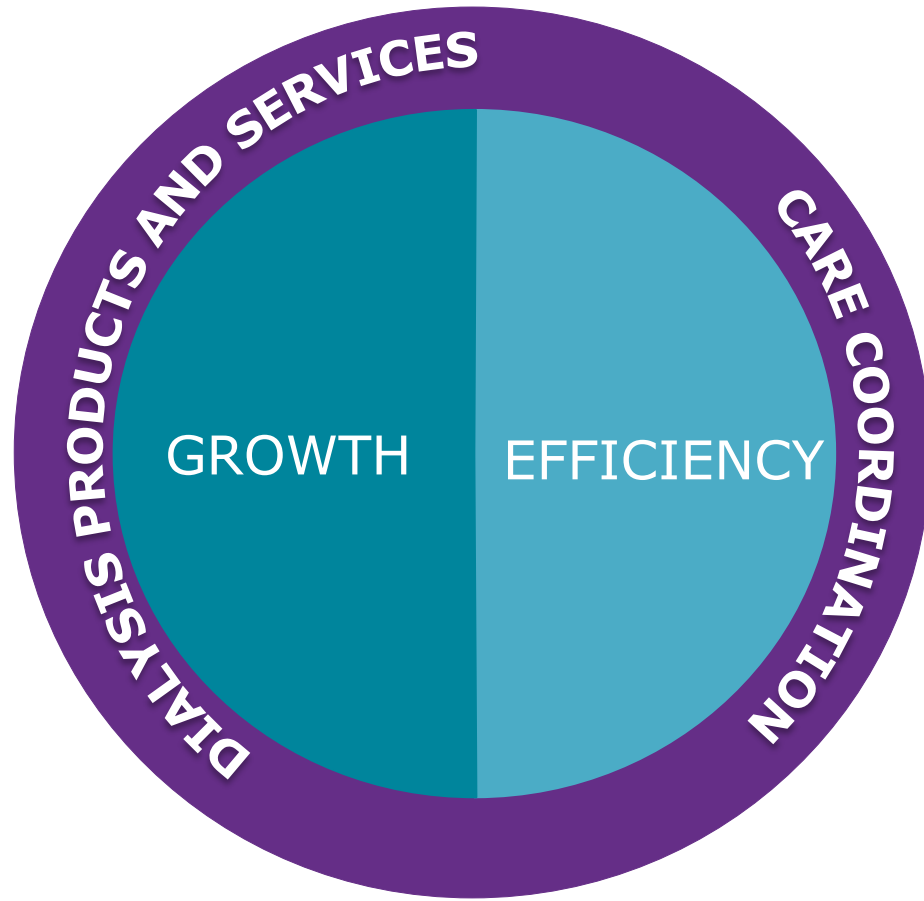
C Capital Allocation

D Summary

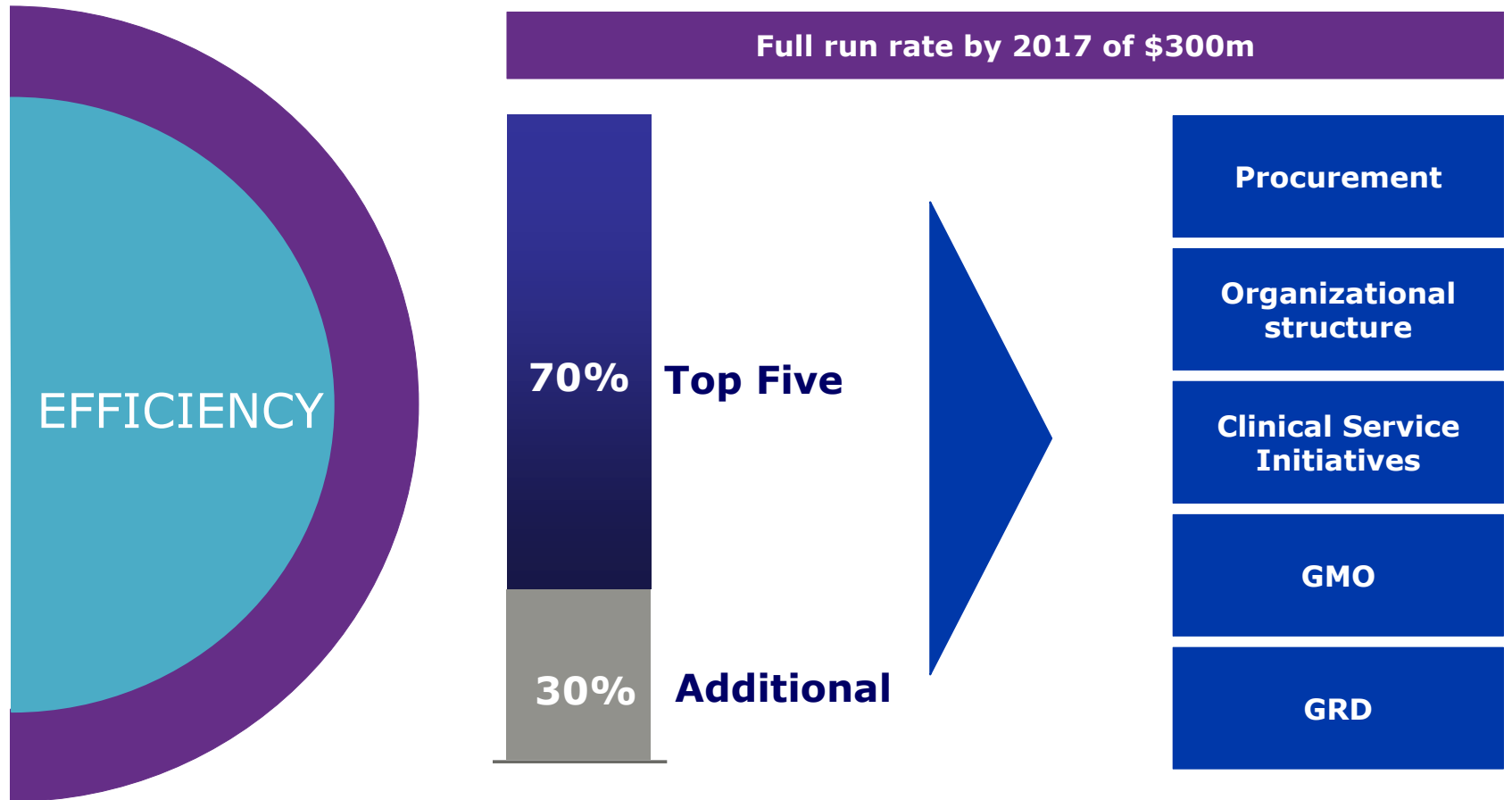


GLOBAL EFFICIENCY PROGRAM

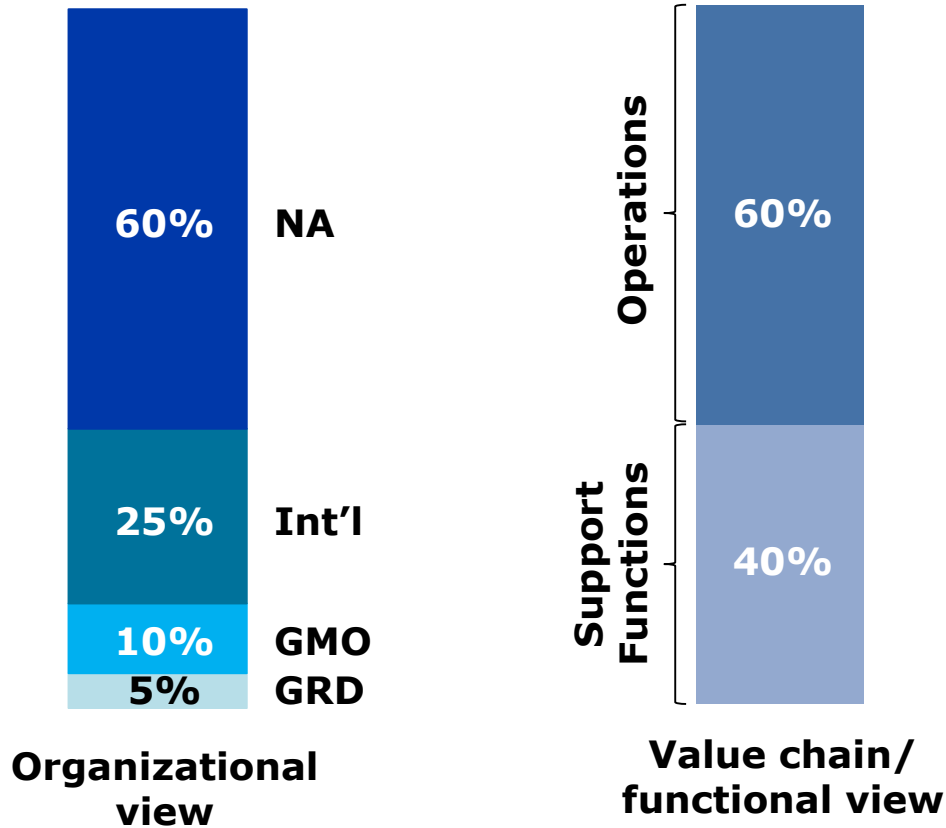
Driving the Business Forward



Top Five Projects with High Savings Potential



Efficiency Scope: Break Out of Savings Run-Rate



- Positive NPV
- Savings to Cost 3x
- Project EPS Accretion >10%

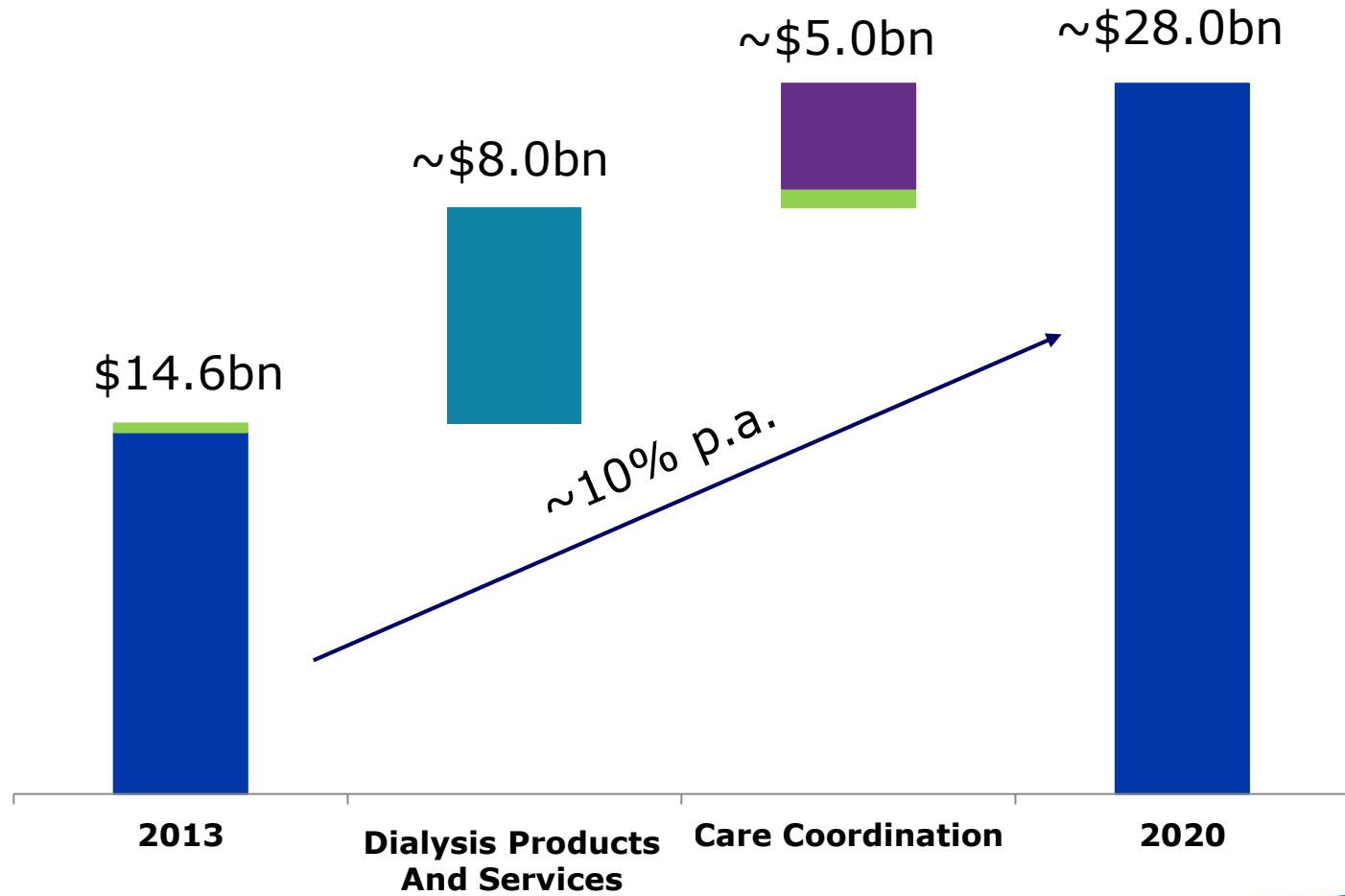


FINANCIAL OUTLOOK

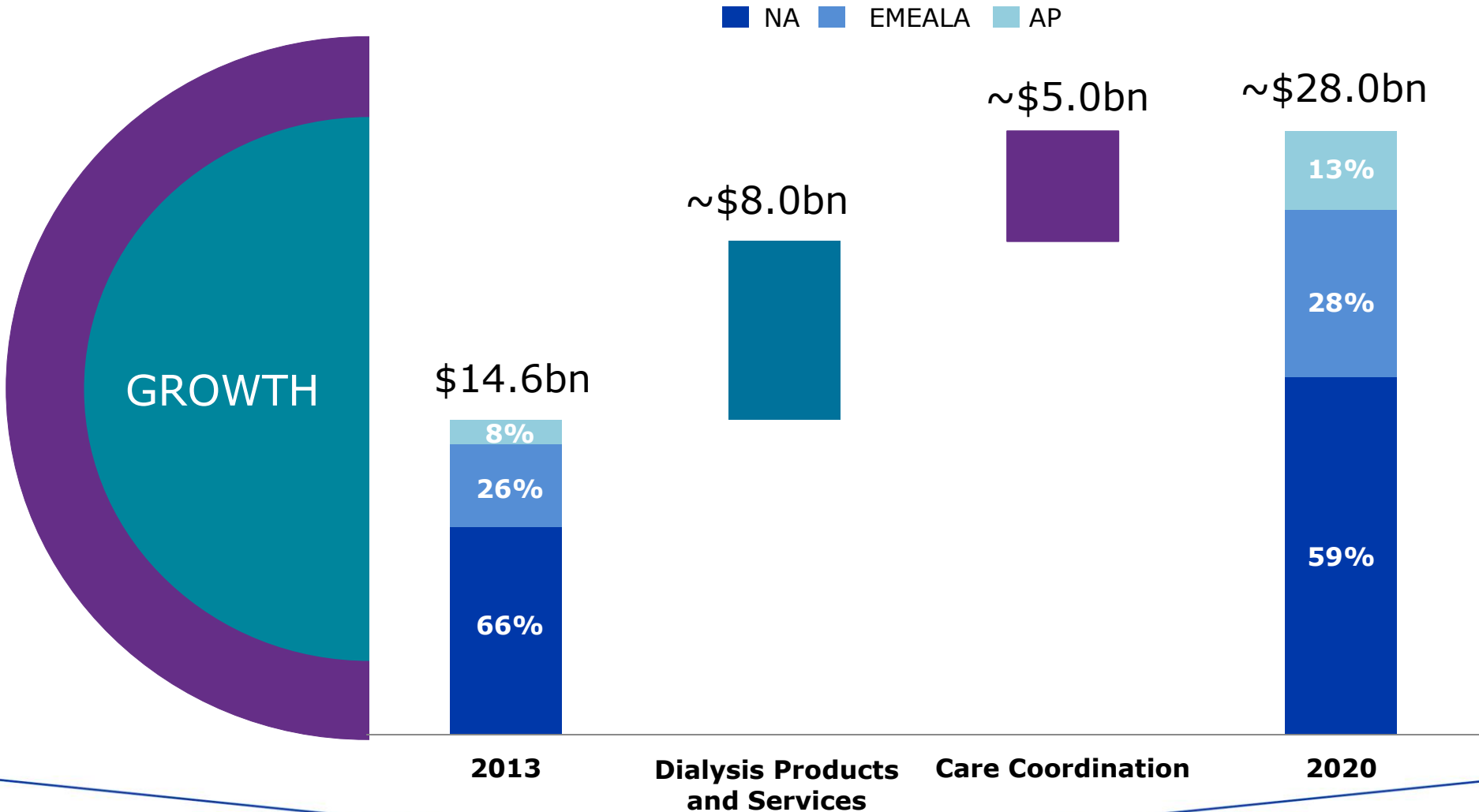
Driving the Business Forward



Revenue and Revenue Growth: Breakdown 2020



Revenue and Revenue Growth: Breakdown 2020



Financial Targets: Revenue

(Average Annual, Constant Currency)

2015 - 2020				
	Volume/ Patient	Price/ Mix	Market Share/ Acquisitions	Total Growth
Products	3-4%	±2%	1-2%	4-7%
Services	5-6%	±1%	1-2%	6-8%
Care Coordination				>10%
Total Revenue Growth Rate (p.a.)				~10%

Financial Targets: Net Income and EPS

2015 - 2020

Net Income Growth Rate (p.a.)

High Single Digit

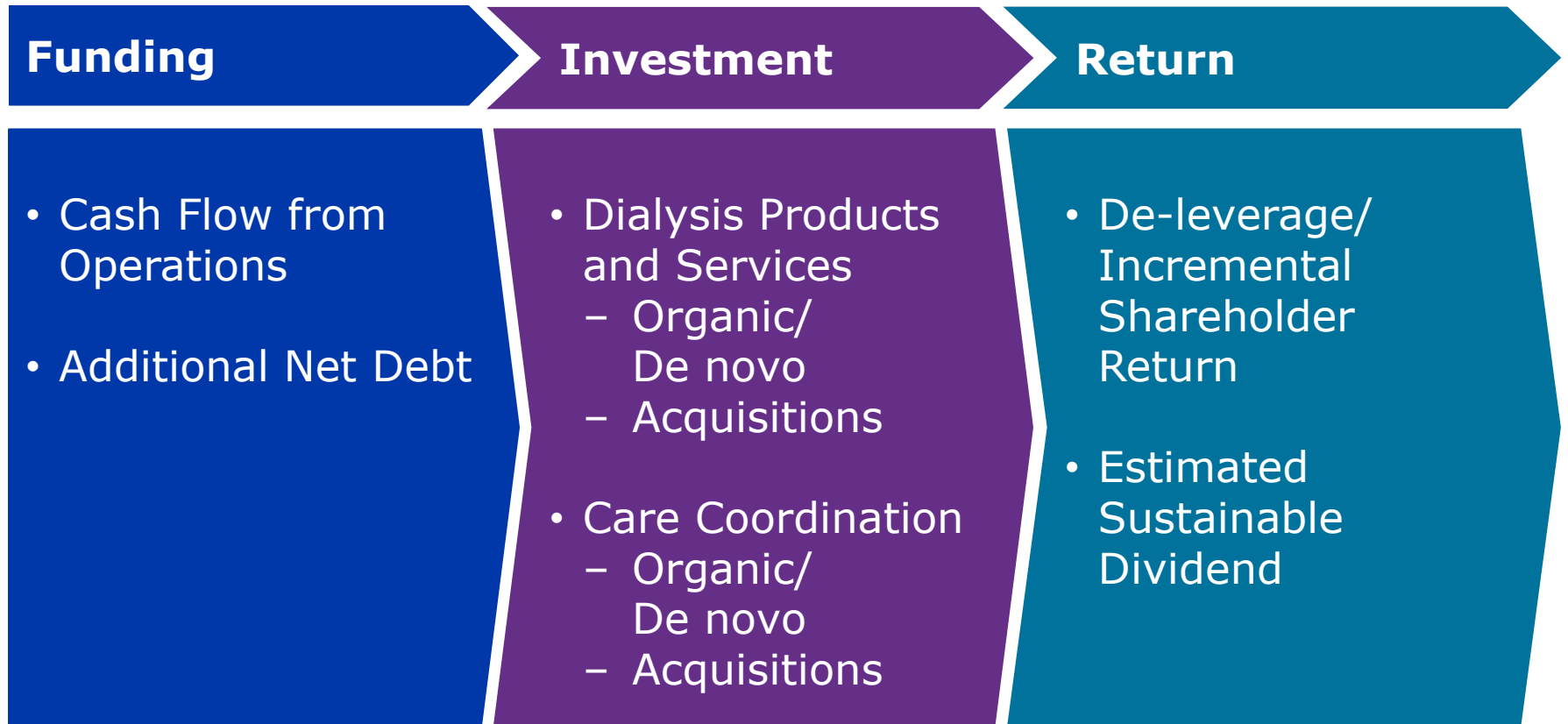
EPS Growth Rate (p.a.)

High Single Digit

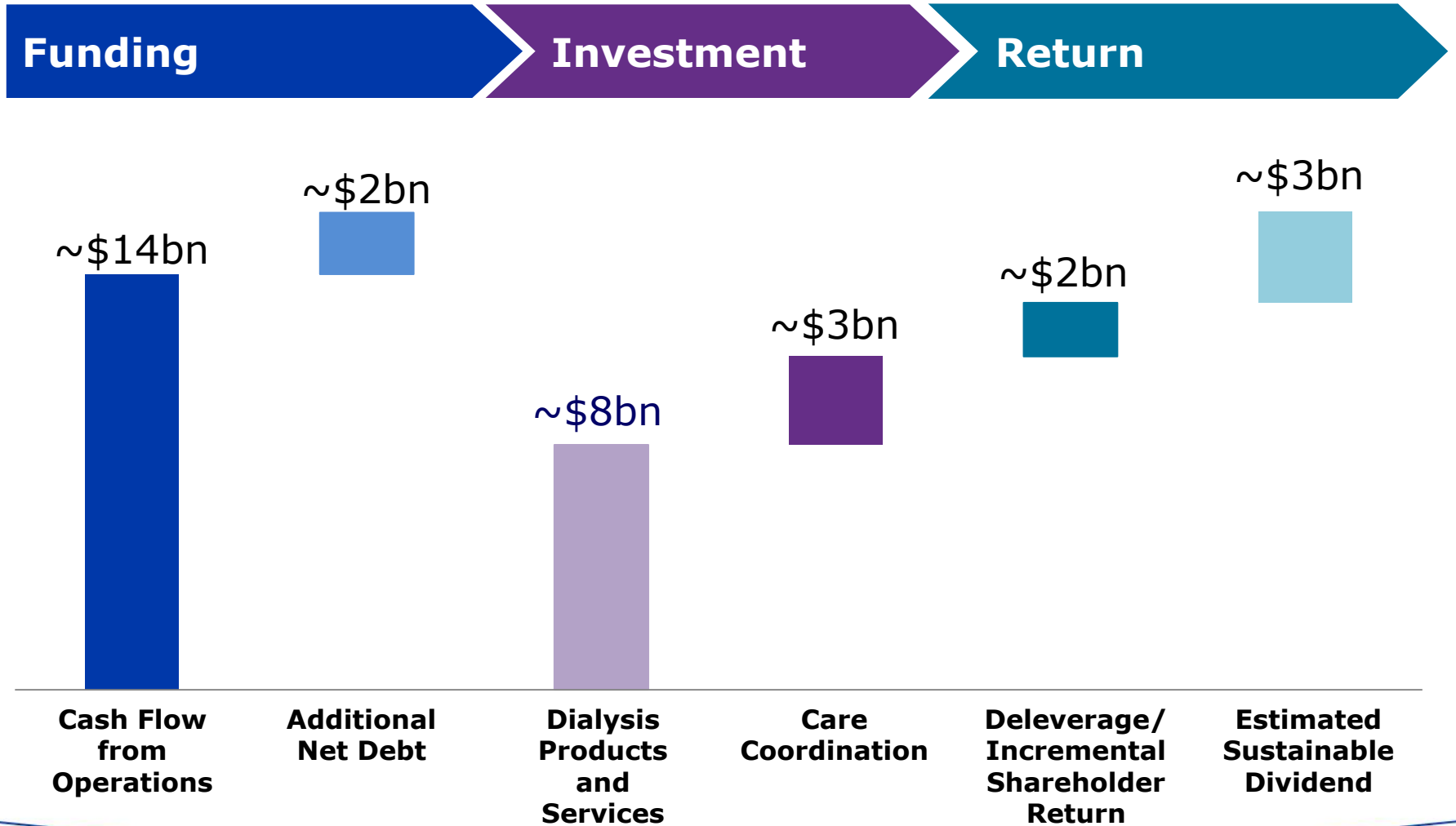


CAPITAL ALLOCATION

Capital Allocation Framework



Capital Allocation 2014 - 2020



Financial Targets: Cash Flow from Operations and CapEx

2014 - 2020

Cash Flow from Operations in % of Revenue

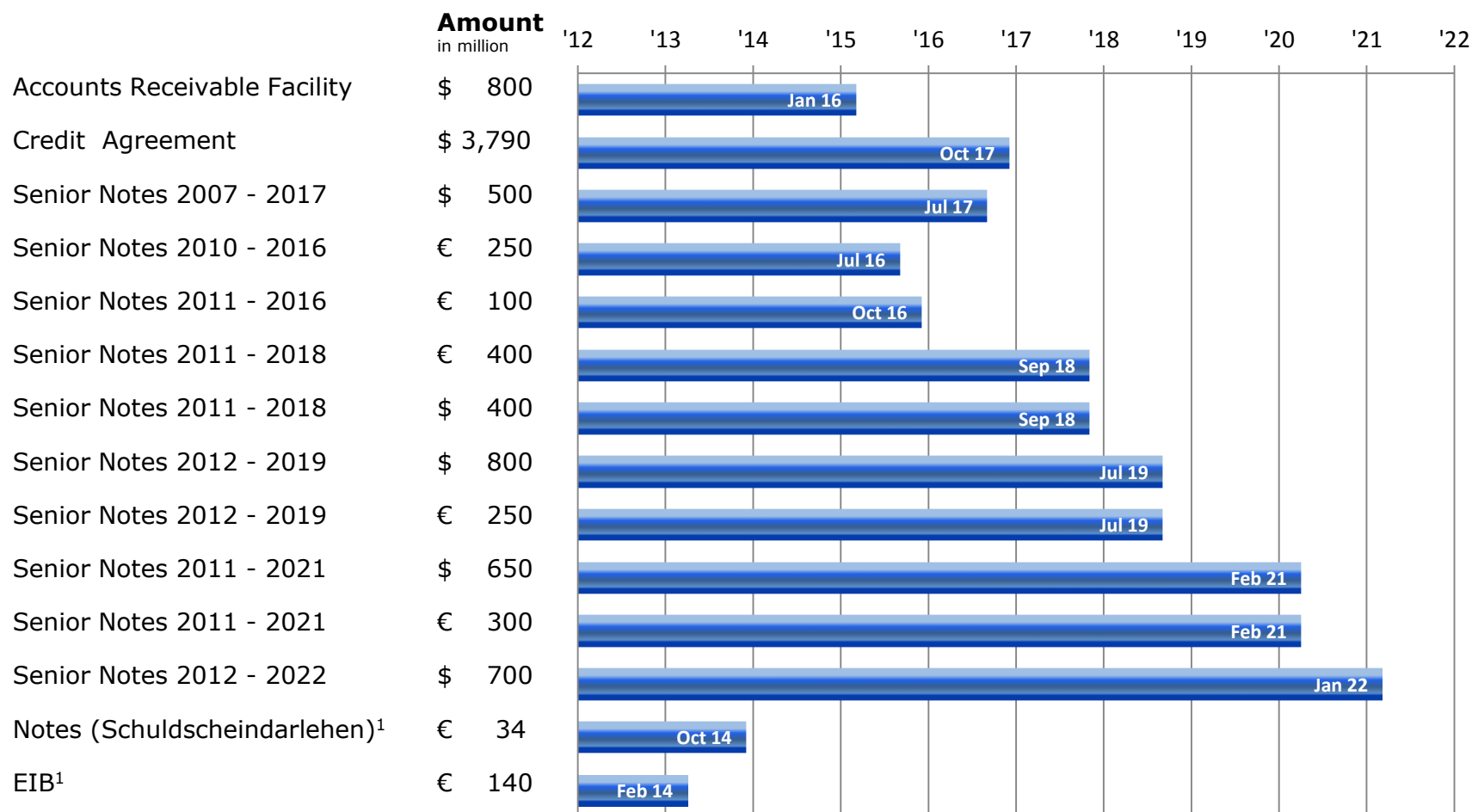
>10%

CapEx in % of Revenue

5-6%

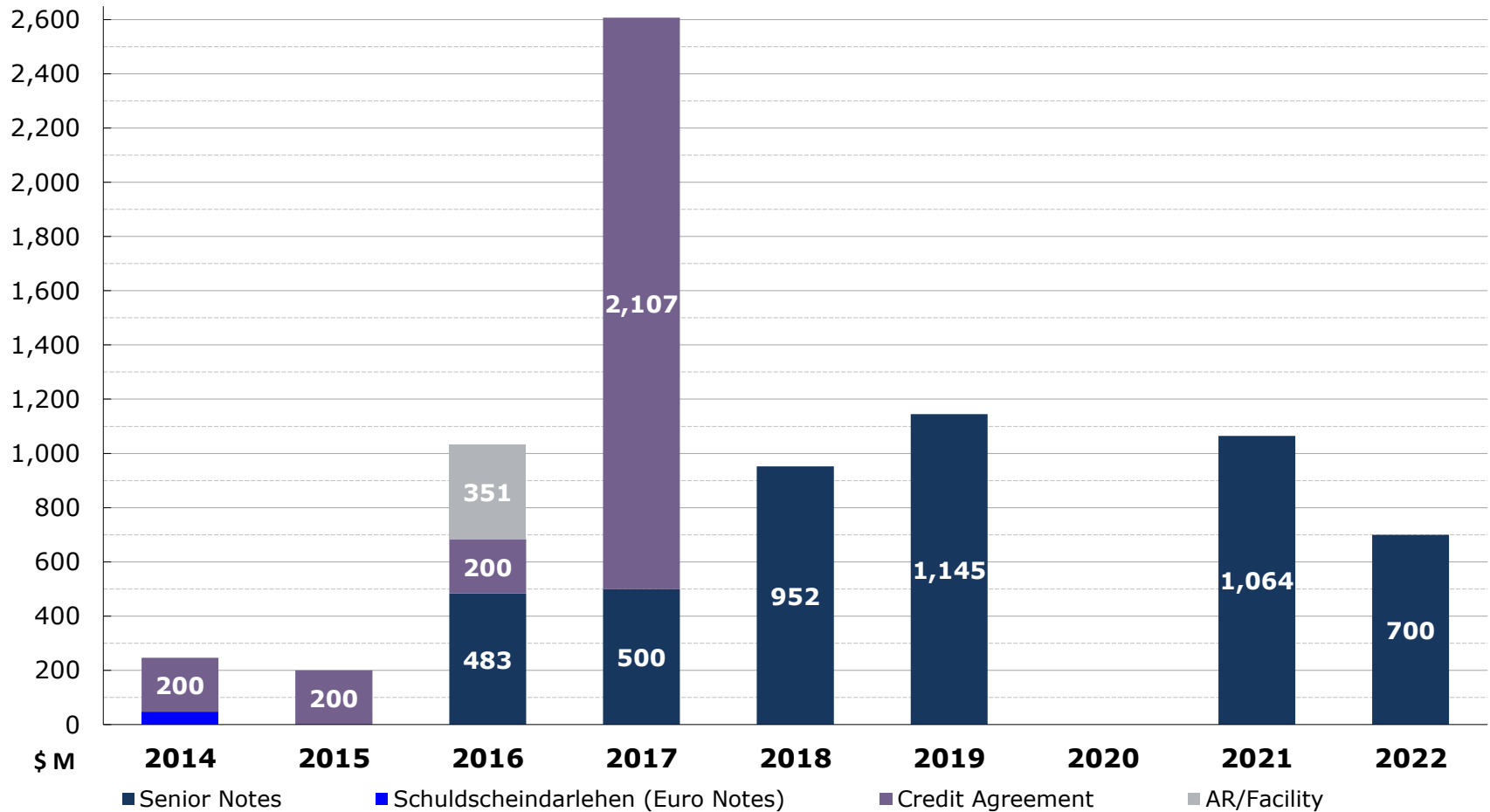
Major Debt Portfolio and Maturities

(as of December 31, 2013)



Debt Maturity Profile

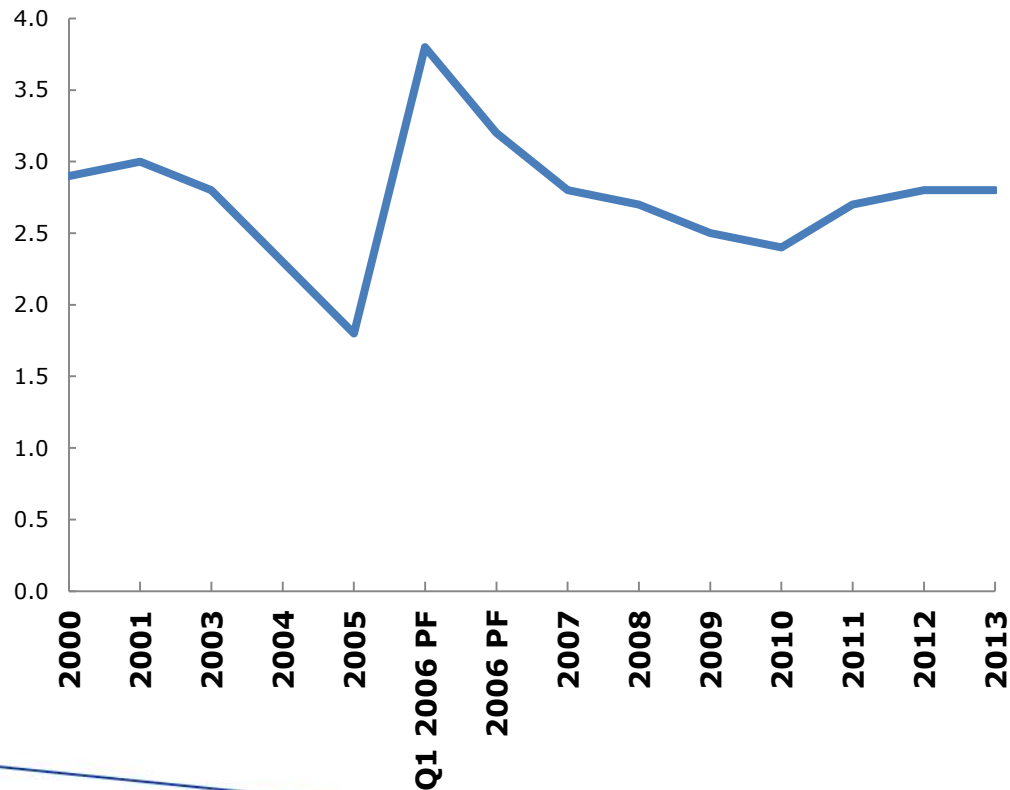
(as of December 31, 2013)



Business Model Supports Leverage

2000-2013

- Leverage as Funded Debt to EBITDA



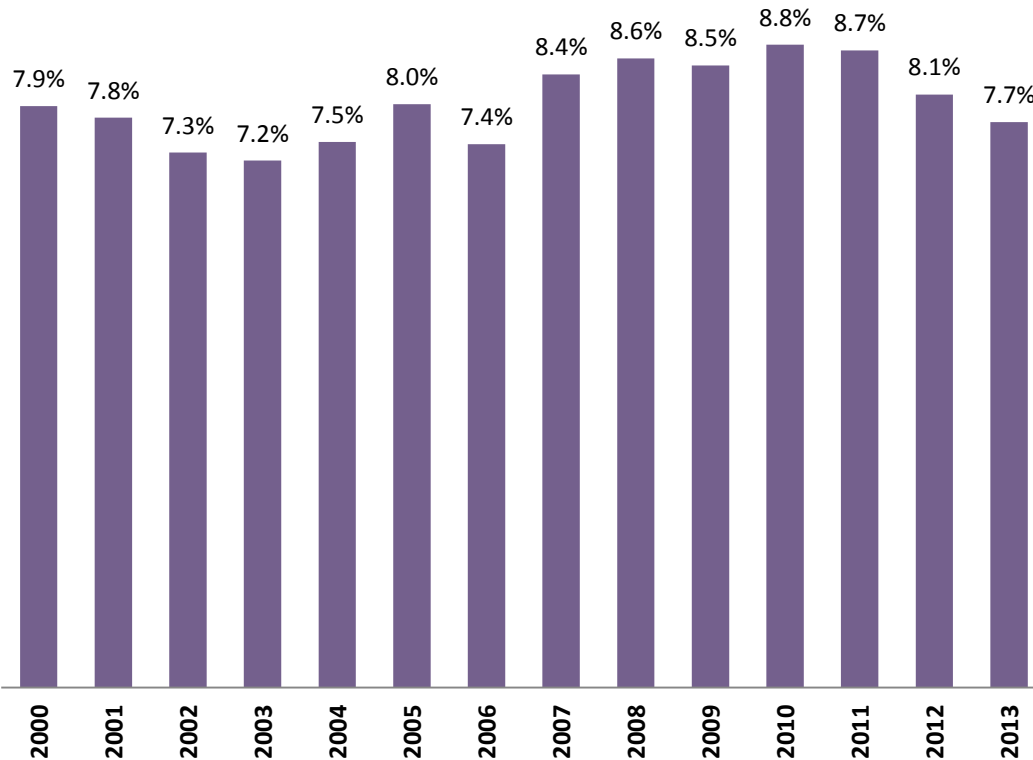
2014-2020

- Leverage Ratio
- Opportunities in Leveraged Finance
- Opportunities in Debt Capital Markets
- 50-60 Basis Points Increase Pro Forma

Return on Invested Capital

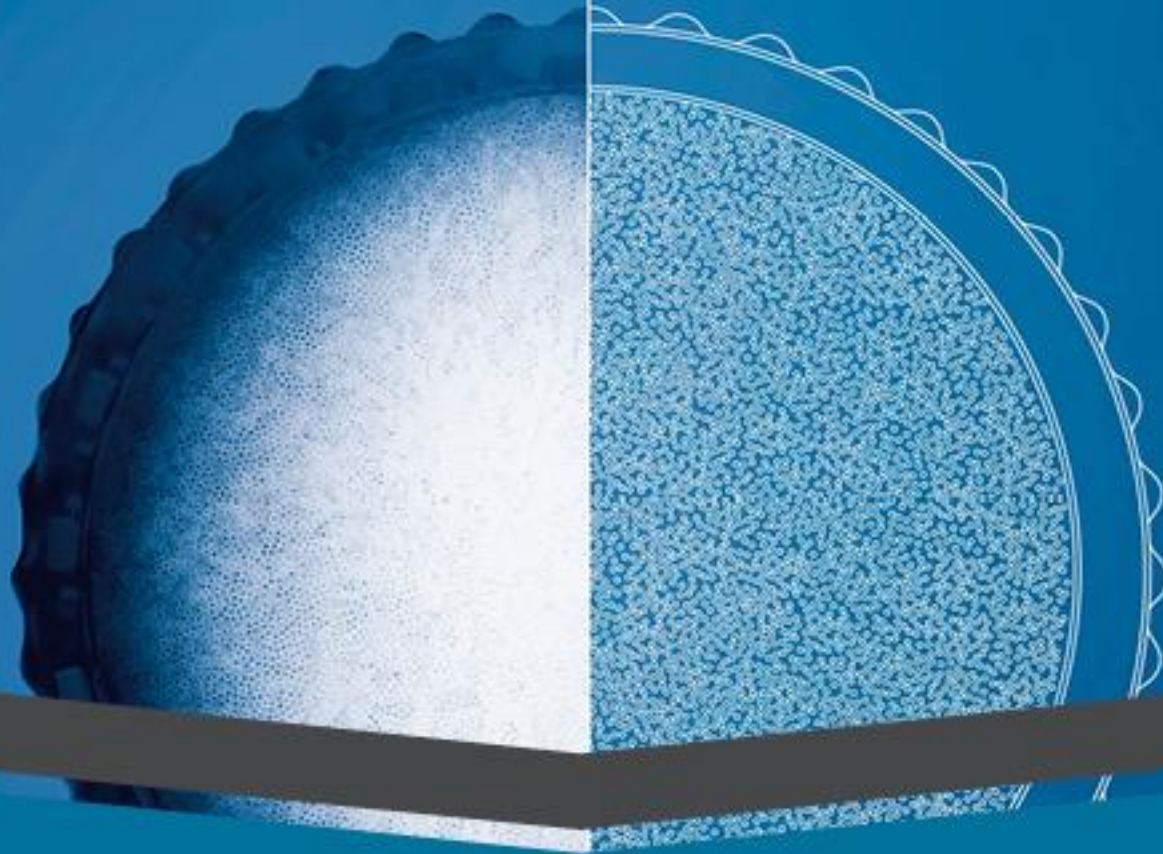
2000-2013

- Sustainable Value Generation



2014-2020

- Continued Value Accretive Growth
- From 2014 Onward Improvement Expected
- Increase by >100 Basis Points over the Period



SUMMARY

Summary

Growth	In Services, in Products and in Care Coordination
Efficiency	Identified areas with efficiency potential to be incorporated under the Global Efficiency Program (GEP)
Shareholder Value	Sustainable Increase in EPS Reliable Dividend

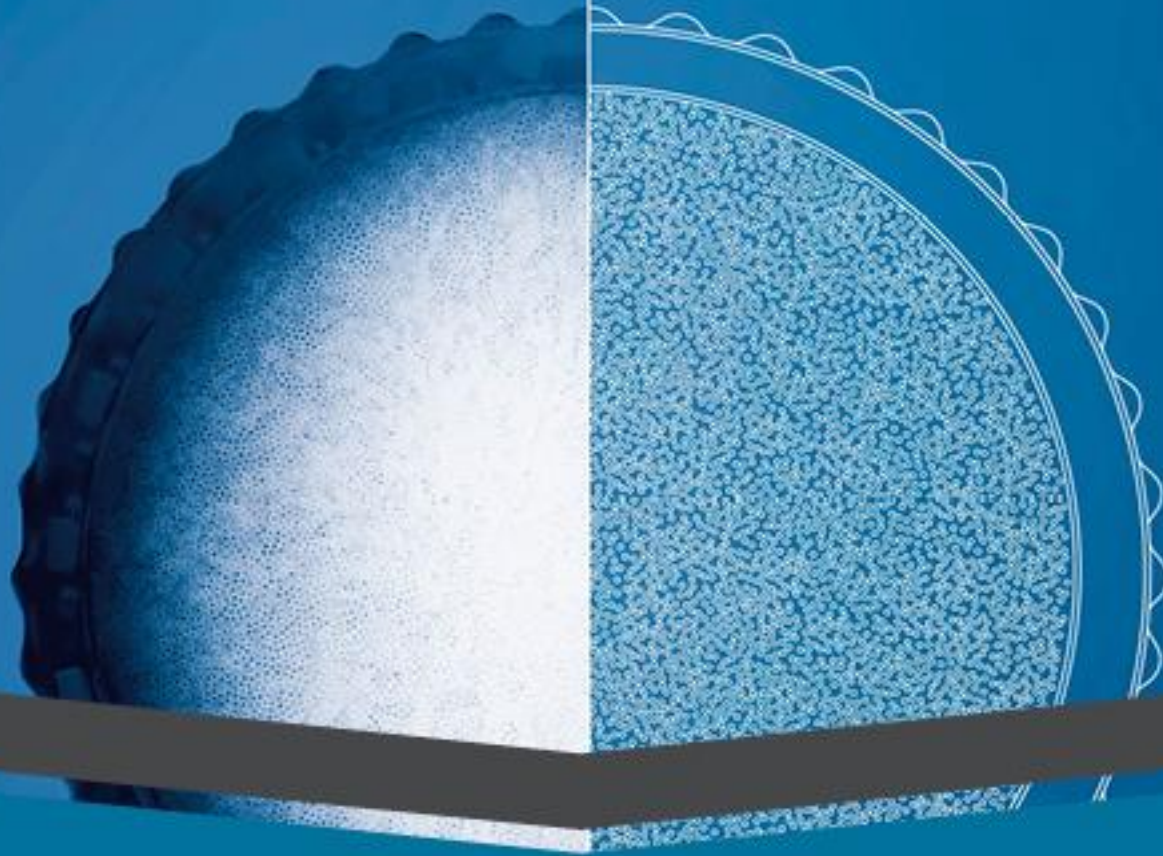


FRESENIUS MEDICAL CARE



SUMMARY Rice Powell

April 3 2014, New York City



Q&A



Thank you

2014 Capital Markets Day

New York City

Safe Harbor Statement: This presentation includes certain forward-looking statements within the meaning of Section 27A of the U.S. Securities Act of 1933, as amended, and Section 21E of the U.S. Securities Act of 1934, as amended. The Company has based these forward-looking statements on its views with respect to future events and financial performance. Actual results could differ materially from those included in the forward-looking statements due to various risk factors and uncertainties, including changes in business, economic competitive conditions, regulatory reforms, foreign exchange rate fluctuations, uncertainties in litigation or investigative proceedings and the availability of financing. Given these uncertainties, readers should not put undue reliance on any forward-looking statements. These and other risks and uncertainties are discussed in detail in Fresenius Medical Care AG & Co. KGaA's (FMC AG & Co. KGaA) reports filed with the Securities and Exchange Commission (SEC) and the German Exchange Commission (Deutsche Börse).

Forward-looking statements represent estimates and assumptions only as of the date that they were made. The information contained in this presentation is subject to change without notice and the company does not undertake any duty to update the forward-looking statements, and the estimates and assumptions associated with them, except to the extent required by applicable law and regulations.

If not mentioned differently the term net income after minorities refers to the net income attributable to the shareholders of Fresenius Medical Care AG Co. KGaA independent of being the reported or the adjusted number. Numbers mentioned are in US-\$.