

# Update Gastrointestinale Stromatumoren (GIST) 2024

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# Conflicts of interest

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- Kongresseinladungen:
  - Deciphera, Merck, Pfizer
- Beratungsverhältnisse:
  - Apogepha, Blueprint, Boehringer Ingelheim, Deciphera, PharmaMar

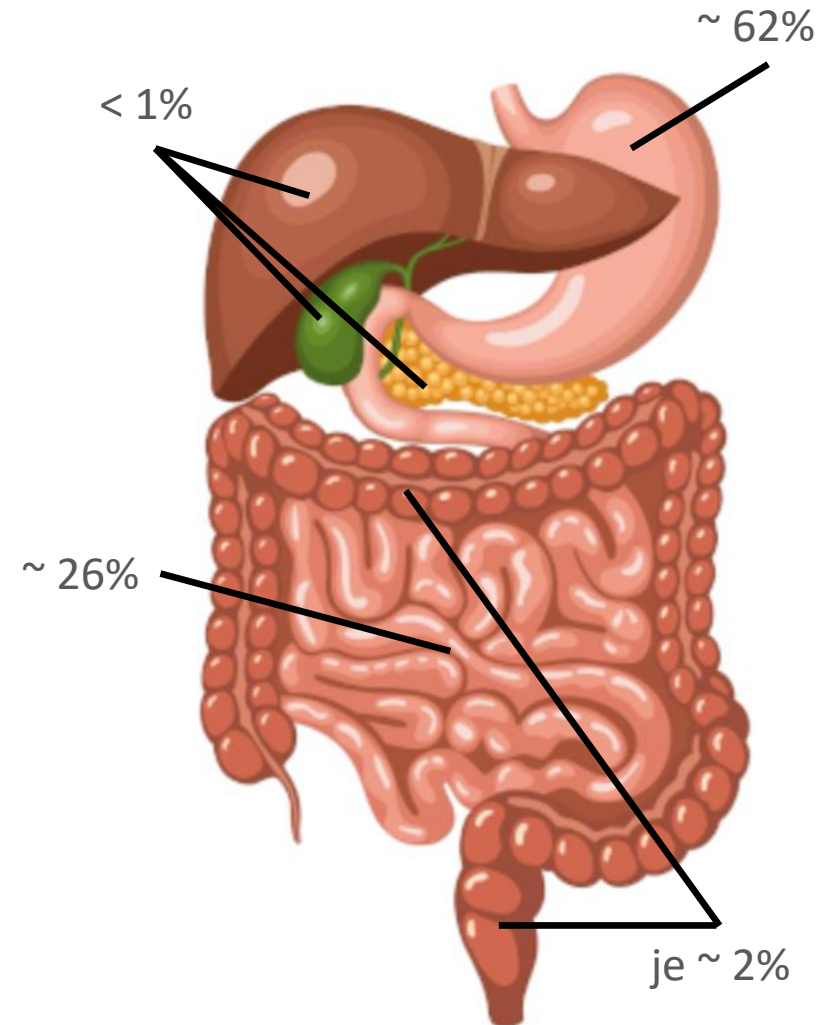
# Übersicht

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- **Hintergrund**
- **Lokalisierte GIST**
  - (Neo-) adjuvante Therapie
- **Metastasierte GIST**
  - **Therapielandschaft**
    - KIT/PDGFR-Mutationen
    - PDGFR D842V Mutation
- **Studien und Neuigkeiten**

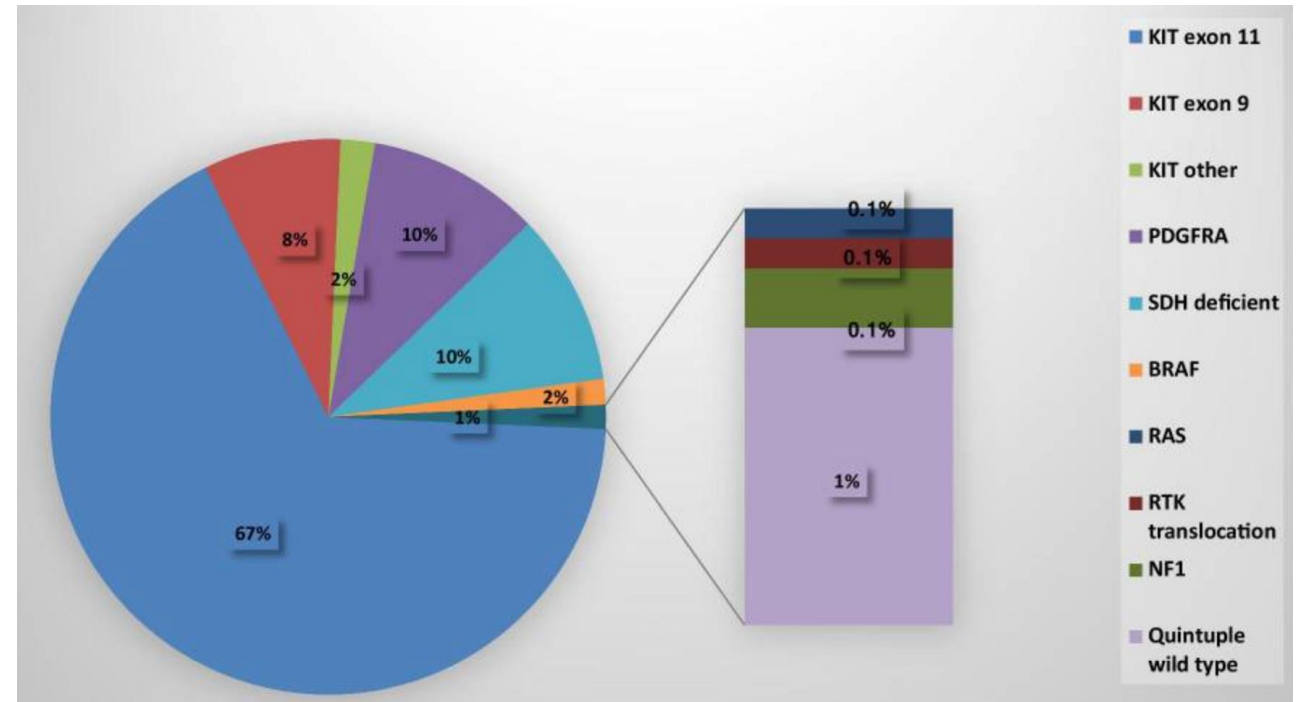
# Hintergrund

- Gastrointestinale Stromatumoren (GIST) = häufigste mesenchymale Tumoren im Gastrointestinaltrakt
- Inzidenz: 0.4-2 Fälle / 100.000 Einwohner / Jahr<sup>1</sup>
- Lokalisation: Meist Magen oder Dünndarm<sup>1,2</sup>
- Männer und Frauen etwa gleich häufig betroffen<sup>1</sup>
- Erkrankungsgipfel : ~ 60-65 Jahre<sup>3</sup>



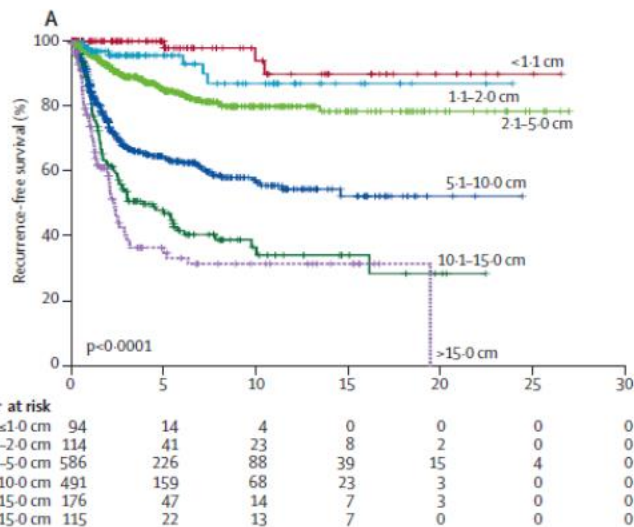
# Hintergrund

- Mehrheit der GIST zeigen *gain of function Mutationen* in KIT oder PDGFRA
- Molekulare Veränderungen wichtig für therapeutische Entscheidungen und Therapiemanagement
- **Molekulare Aufarbeitung** vor Einleitung einer medikamentösen Therapie

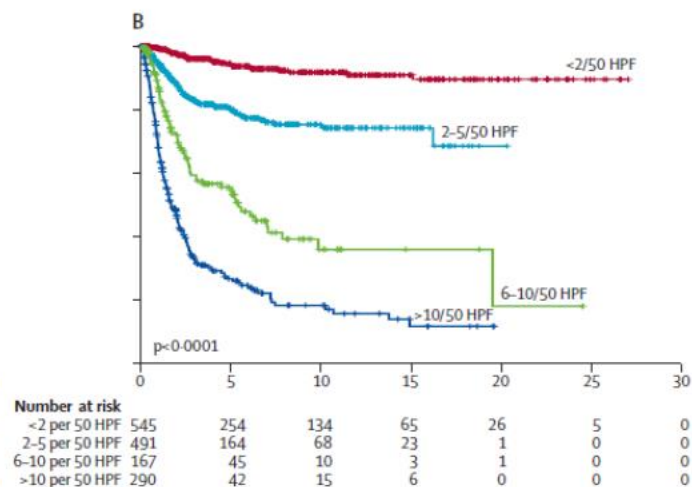


# Staging und Risikoklassifikation

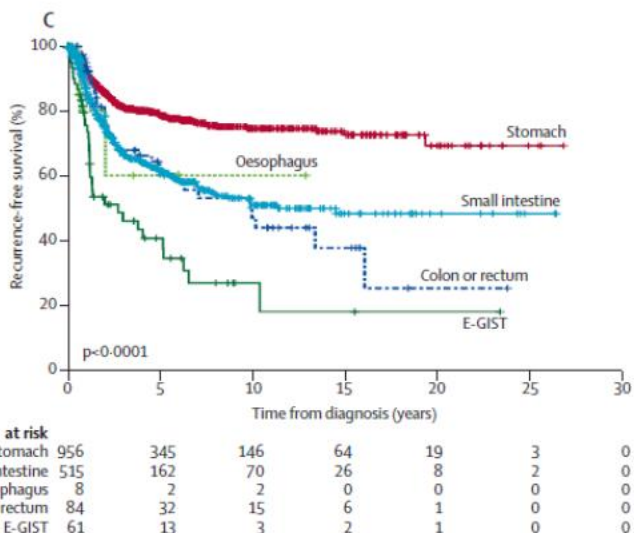
Size



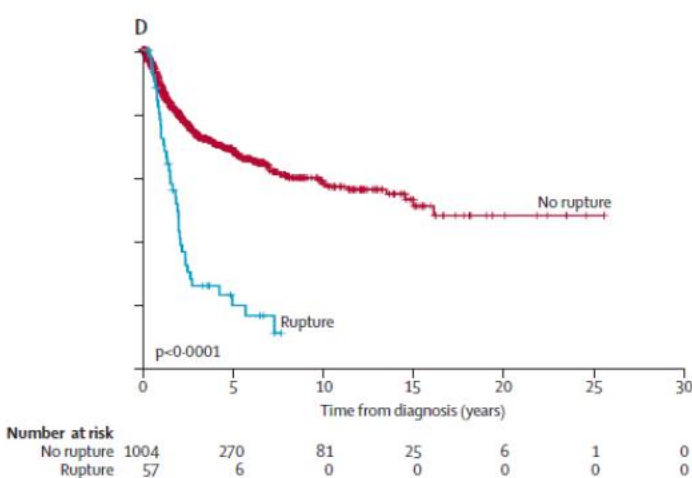
Mitosis



Location



Rupture



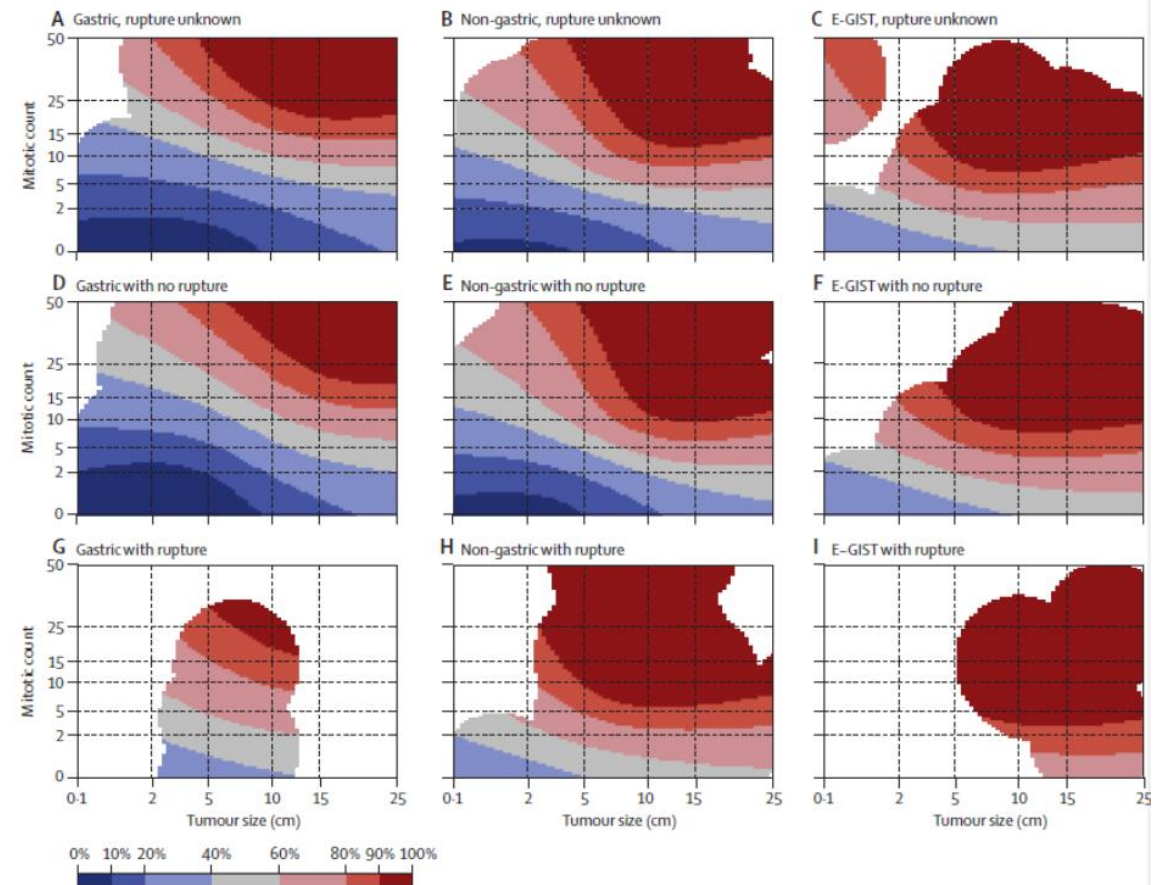
# Staging und Risikoklassifikation

## ► NIH consensus modified

Risk Category	Tumor Size, cm	Mitotic Index Per 50 High-Power Fields	Primary Tumor Site
Very low risk	< 2.0	≤ 5	Any
Low risk	2.1-5.0	≤ 5	Any
Intermediate risk	2.1-5.0	> 5	Gastric
	5.1-10.0	≤ 5	Gastric
High risk	Any	Any	Tumor rupture
	> 10	Any	Any
	Any	> 10	Any
	> 5.0	> 5	Any
	2.1-5.0	> 5	Nongastric
	5.1-10.0	≤ 5	Nongastric

Joensuu H, Hum Pathol 2008

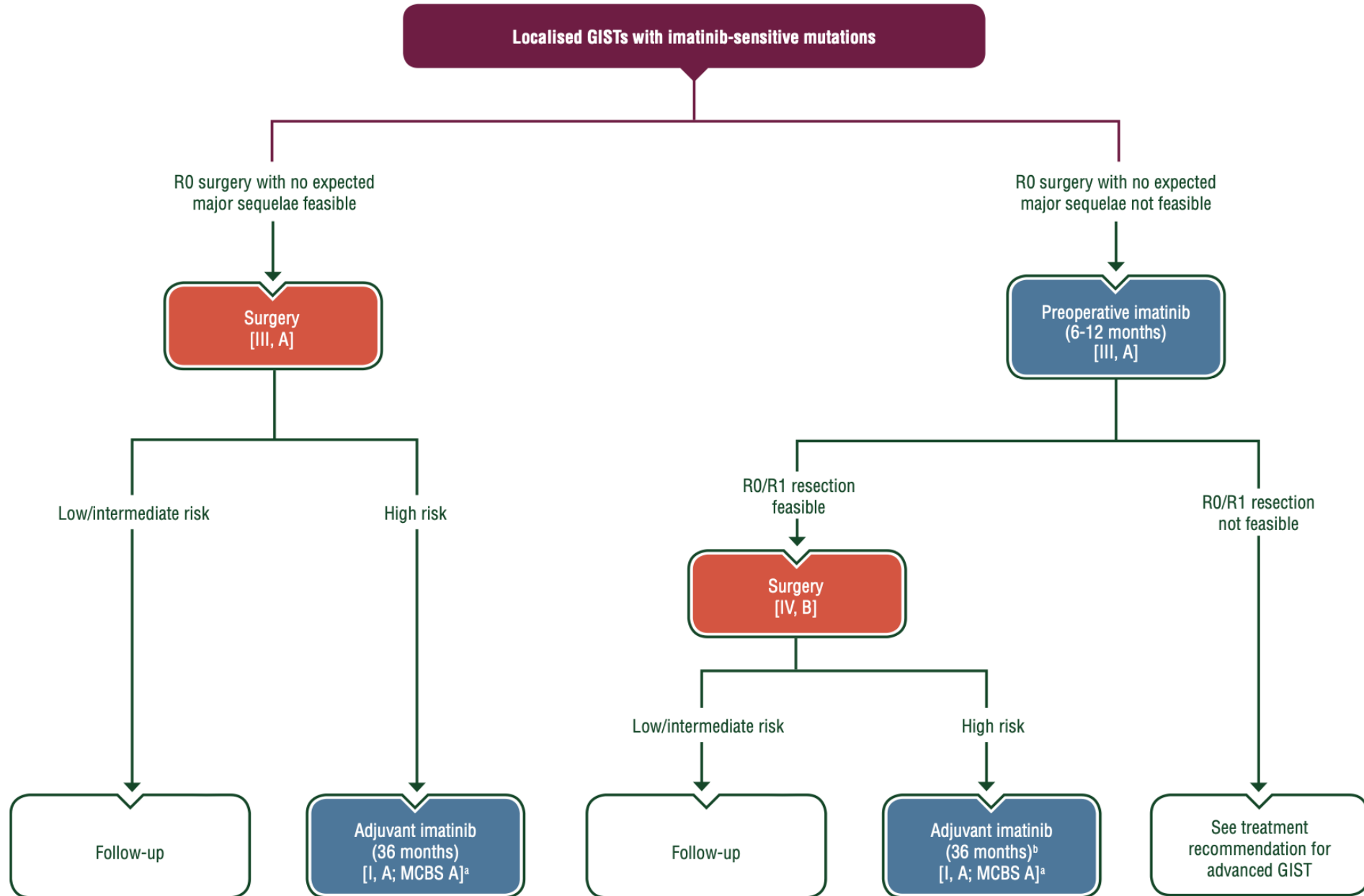
## ► Heatmaps



Joensuu et al, Lancet Oncol 2012

Serrano et al. presented at ESMO 2024

# Lokalisierte Erkrankung

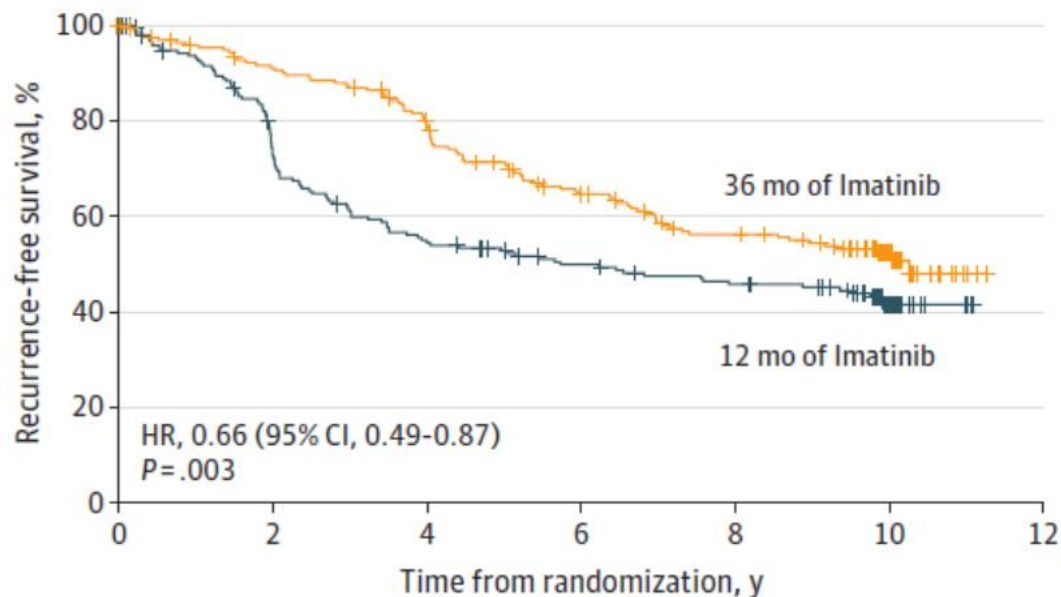




# Adjuvante Therapie

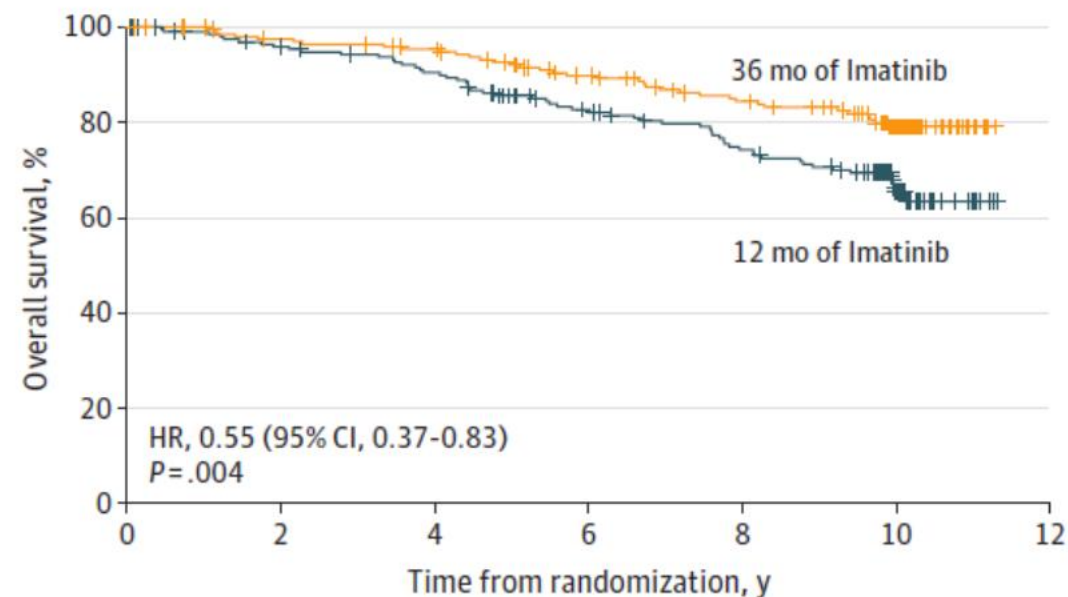
- Adjuvante Therapie mit Imatinib muss mindestens 3 Jahre laufen

**A** Recurrence-free survival in the intention-to-treat population



No. at risk	0	2	4	6	8	10	12
36 mo	198	174	150	114	93	47	0
12 mo	199	141	102	86	77	38	0

**C** Overall survival in the intention-to-treat population



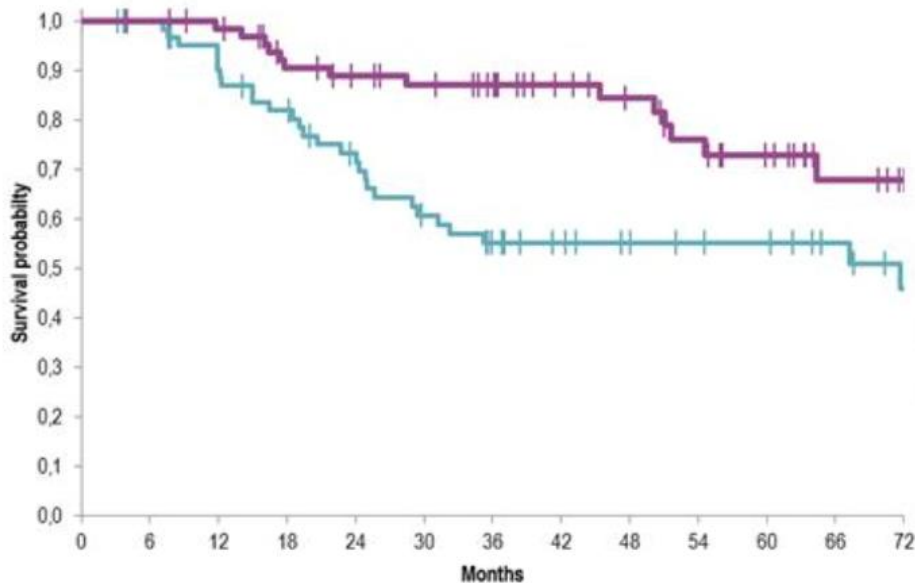
No. at risk	0	2	4	6	8	10	12
36 mo	198	185	178	155	138	76	0
12 mo	199	179	167	140	123	60	0

# IMADGIST - Adjuvante Therapie

**A randomized study of 6 vs 3 years of adjuvant imatinib in patients with localized GIST at high risk of relapse.**

*J-Y. Blay 1, C. Schiffler 1, Olivier Bouché 2, Mehdi Brahmi 1, F Duffaud 3, M Toulmonde 4, B. Landi 5, W. Lahlou 5, D. Pannier 6, E. Bompas 7, F. Bertucci 8, L. Chaigneau 9, O. Collard 10, M. Pracht 11, C. Henon 12, I. Ray-Coquard 1, K. Armoun 2, S. Salas 3, M. Spalato-Ceruso 4, A. Adenis 6,12, B. Verret 13, N. Penel 6, C. Moreau-Bachelard 7, A. Italiano 4, A. Dufresne1, S. Metzger 1, S. Chabaud 1, D. Perol 1, A. Le Cesne 12.*

## PRIMARY ENDPOINT : DISEASE FREE SURVIVAL



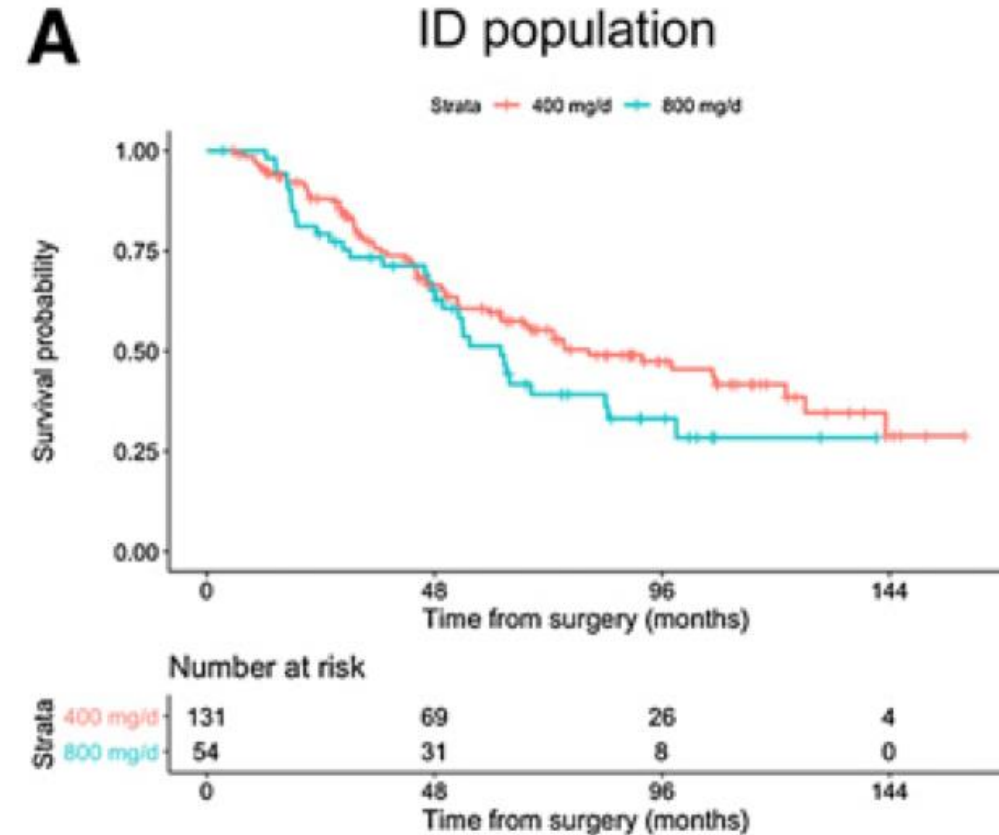
**6 Jahre adjuvante Therapie mit Imatinib verlängern das DFS signifikant**

# Adjuvante Therapie Exon 9

CLINICAL CANCER RESEARCH | TRANSLATIONAL CANCER MECHANISMS AND THERAPY

## Adjuvant Imatinib in Patients with GIST Harboring Exon 9 KIT Mutations: Results from a Multi-institutional European Retrospective Study

Bruno Vincenzi<sup>1</sup>, Andrea Napolitano<sup>1,2</sup>, Marta Fiocco<sup>3</sup>, Olivier Mir<sup>4</sup>, Piotr Rutkowski<sup>5</sup>, Jean-Yves Blay<sup>6</sup>, Peter Reichardt<sup>7</sup>, Heikki Joensuu<sup>8</sup>, Elena Fumagalli<sup>9</sup>, Spyridon Gennatas<sup>2</sup>, Nadia Hindi<sup>10</sup>, Margherita Nannini<sup>11</sup>, Mariella Spalato Ceruso<sup>12</sup>, Antoine Italiano<sup>12,13</sup>, Giovanni Grignani<sup>14</sup>, Antonella Brunello<sup>15</sup>, Silvia Gasperoni<sup>16</sup>, Tommaso De Pas<sup>17</sup>, Giuseppe Badalamenti<sup>18</sup>, Maria A. Pantaleo<sup>11</sup>, Winan J. van Houdt<sup>19</sup>, Nikki S. IJzerman<sup>20,21</sup>, Neeltje Steeghs<sup>21</sup>, Hans Gelderblom<sup>22</sup>, Ingrid M.E. Desar<sup>23</sup>, Johanna Falkenhorst<sup>24</sup>, Marianna Silletta<sup>1</sup>, Marta Sbaraglia<sup>25</sup>, Giuseppe Tonini<sup>1</sup>, Javier Martin-Broto<sup>10</sup>, Peter Hohenberger<sup>26</sup>, Axel Le Cesne<sup>4</sup>, Robin L. Jones<sup>2,27</sup>, Angelo P. Dei Tos<sup>25</sup>, Alessandro Gronchi<sup>28</sup>, Sebastian Bauer<sup>24</sup>, and Paolo G. Casali<sup>9,29</sup>



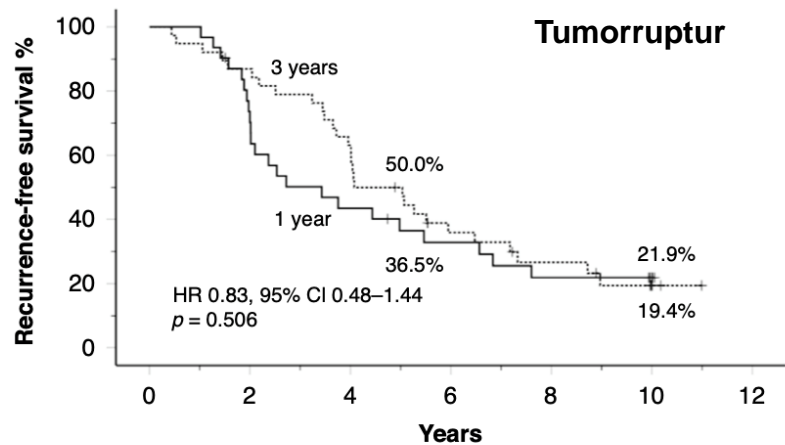
- Kein Unterschied unter 400mg oder 800mg Imatinib

# Adjuvante Therapie bei Tumorrupktur

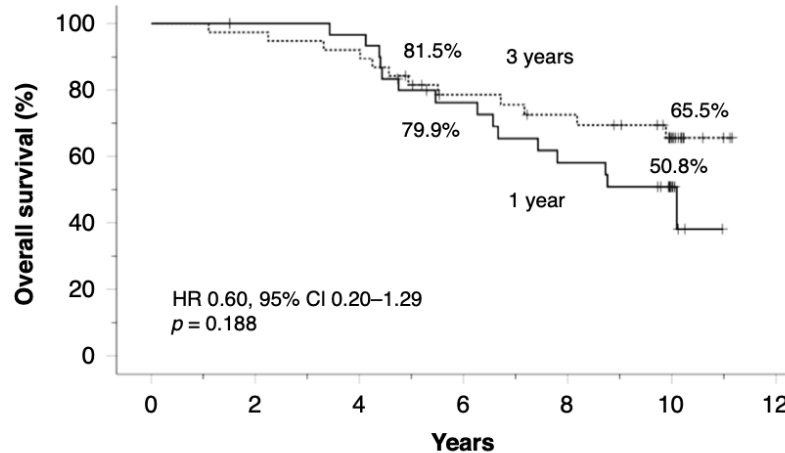
SSG XVIII/AIO

Besseres OS bei Pat. mit Tumorrupktur + KIT Exon 11 del/indel unter 3 Jahren Imatinib

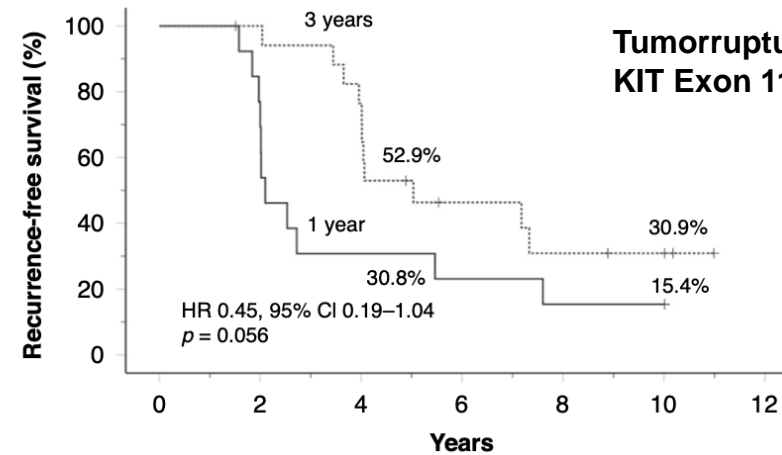
Benefit auch bei längerer Adjuvanz?



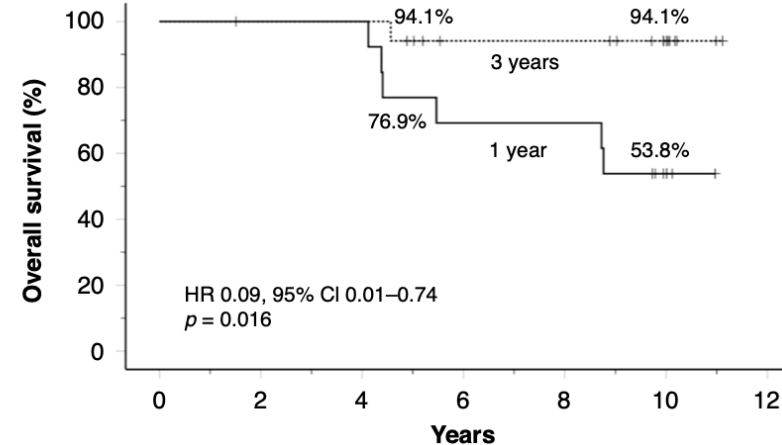
No. at risk	0	2	4	6	8	10	12
1 year	31	22	13	9	6	3	0
3 years	38	33	24	12	8	3	0



No. at risk	0	2	4	6	8	10	12
1 year	31	30	29	21	16	7	0
3 years	38	37	35	26	23	12	0

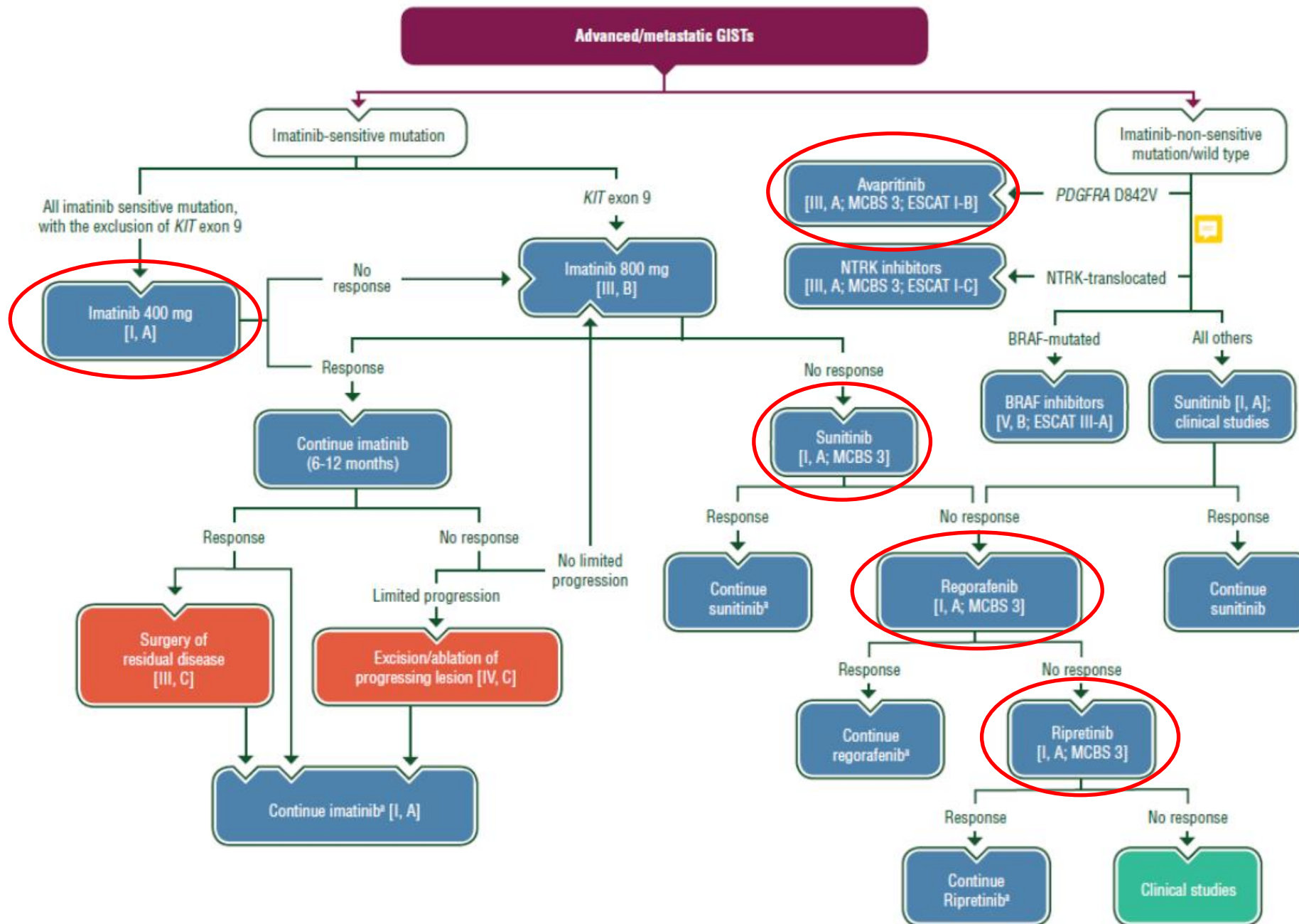


No. at risk	0	2	4	6	8	10	12
1 year	14	10	4	3	2	2	0
3 years	17	17	13	6	4	3	0

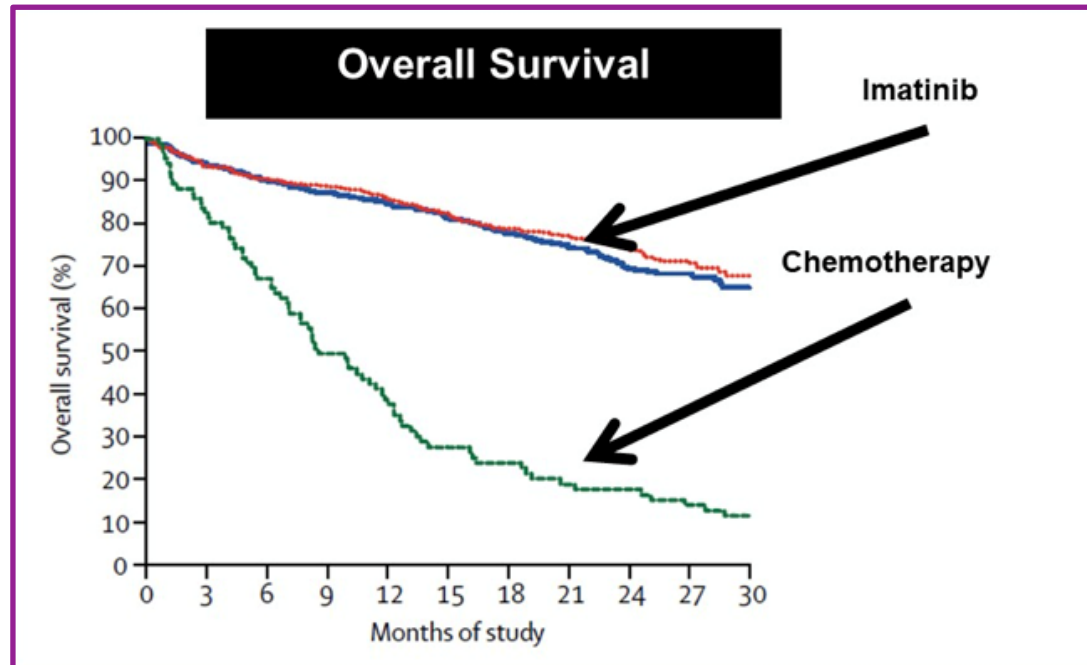


No. at risk	0	2	4	6	8	10	12
1 year	14	13	13	9	9	4	0
3 years	17	17	17	12	12	7	0

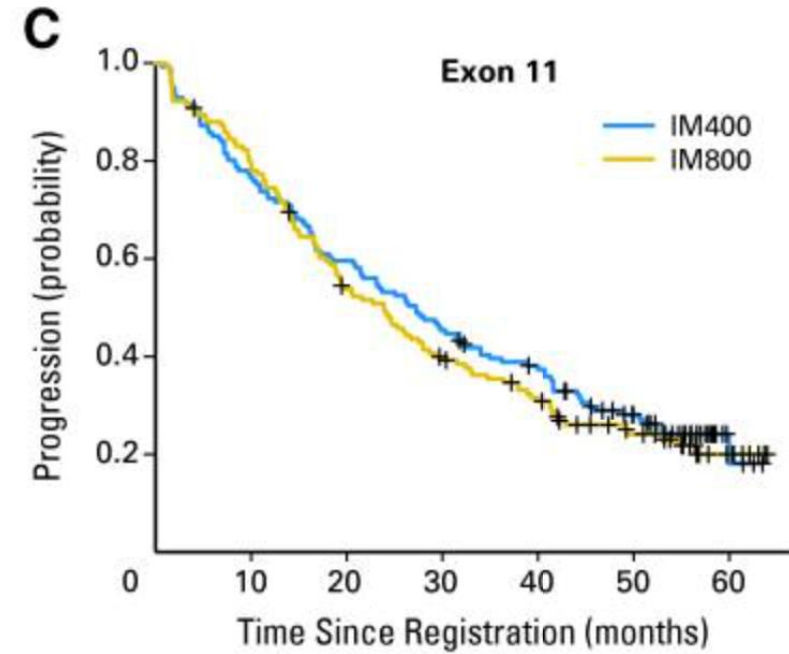
# Metastasierte Erkrankung



## Erstlinientherapie GIST: IMATINIB



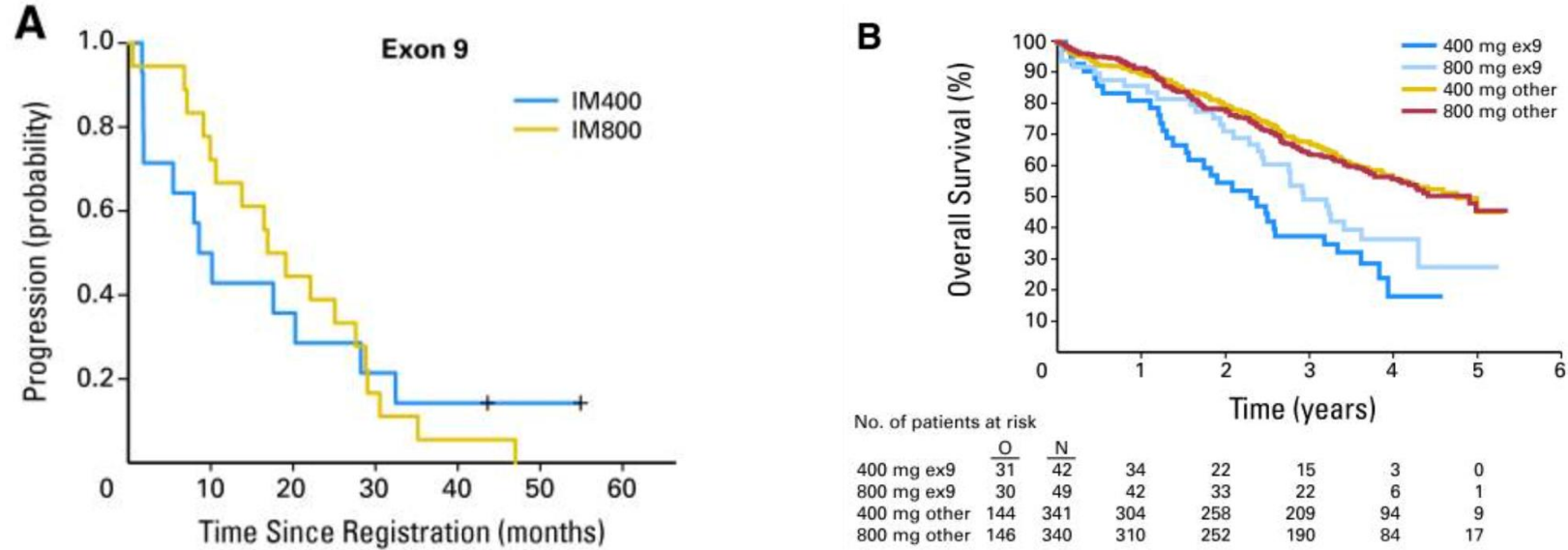
**IMATINIB**  
mPFS 20 mo  
ORR 68.1%



- Imatinib is the standard first-line treatment for locally advanced, inoperable and metastatic patients, except for GIST without KIT/PDGFR $\alpha$  mutations or with a *PDGFR $\alpha$*  exon 18 D842V mutation [I, A]. The standard dose of imatinib is 400 mg daily [I, A].

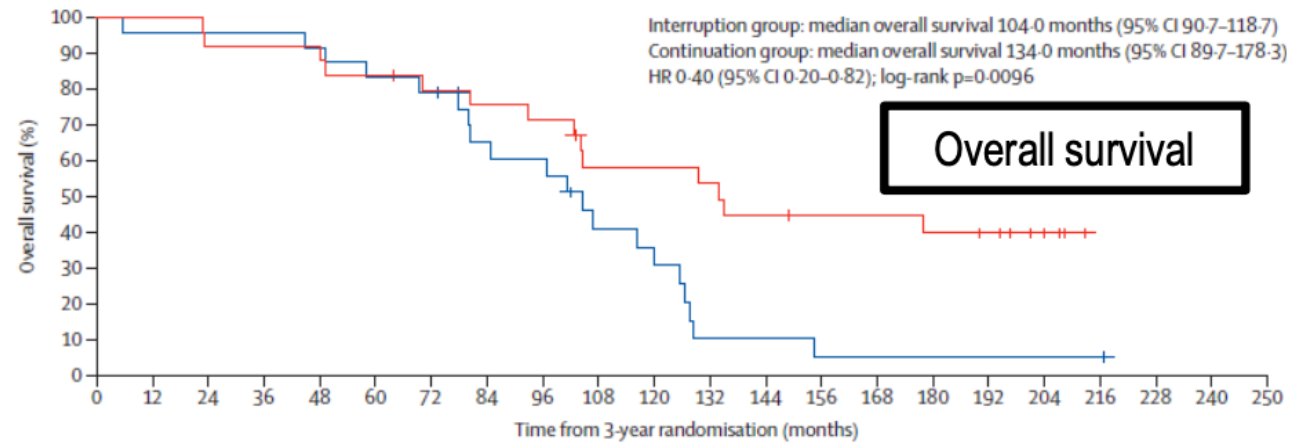
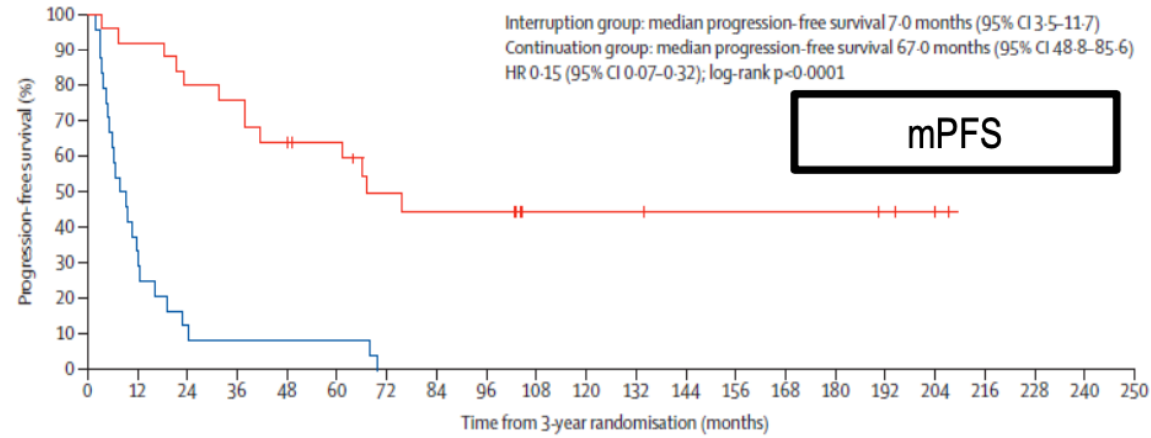
## Erstlinientherapie GIST: IMATINIB

### IMATINIB 400mg vs. 800mg Exon 9?



- Standard first-line treatment for patients with *KIT* exon 9 mutation is imatinib 800 mg daily [III, B; ESCAT score: I-A].

# Erstlinientherapie GIST: IMATINIB

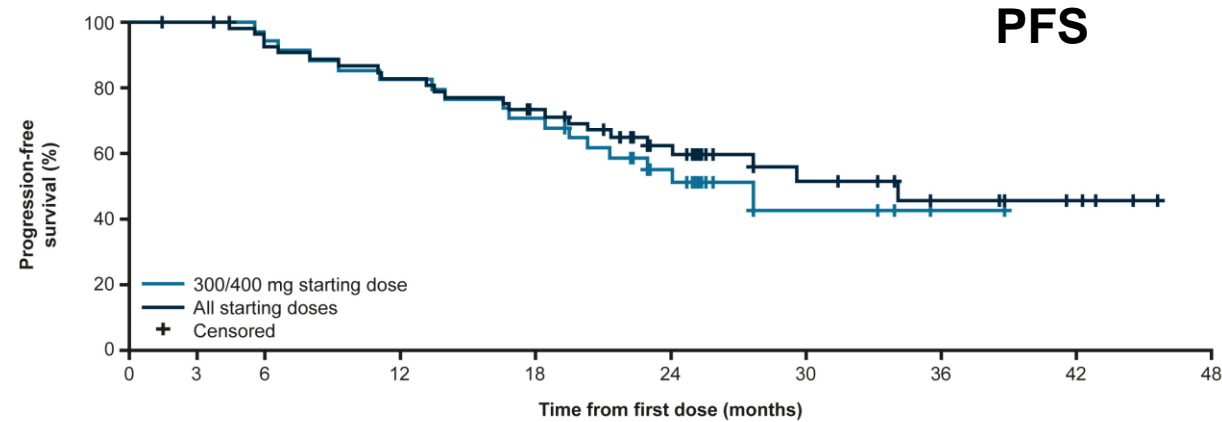
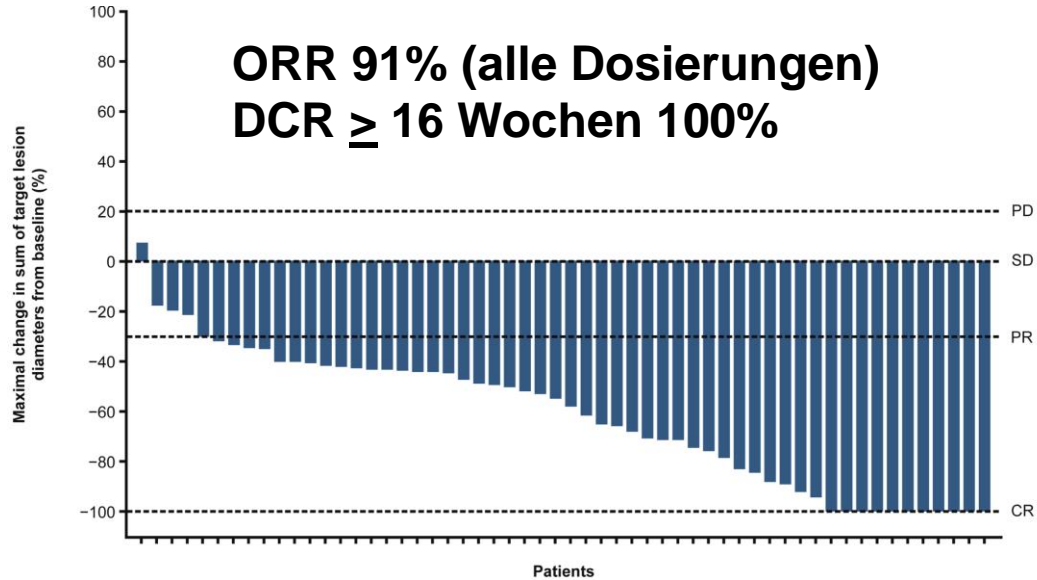


**IMATINIB bis zum Progress oder Intoleranz**



# PDGFR D842V-Mutation bei GIST: AVAPRITINIB

PDGFRA D842V mutierte GIST



Number at risk	0	3	6	12	18	24	30	36	42	48
300/400 mg starting dose	38	37	32	28	24	14	4	1	0	
All starting doses	56	55	48	43	36	23	12	7	4	0

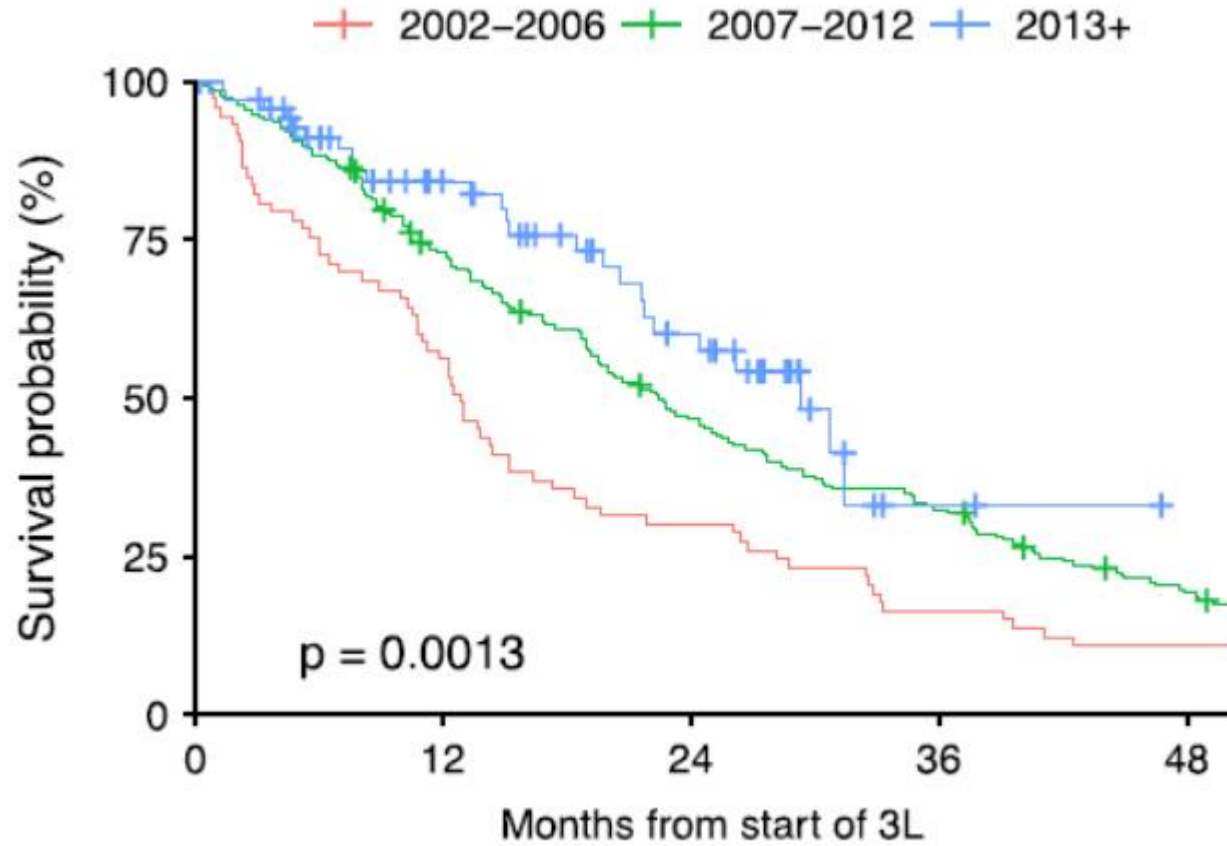
**mDOR 27.6 Monate**  
**mPFS: (alle Patienten) 34 Monate**

# Zugelassene Therapieoptionen inkl. Folgetherapien

KIT/PDGFRA mutierte GIST

PDGFRA  
D842V  
mutierte  
GIST

## IMATINIB



Signifikante  
**Verbesserung des OS**  
durch mehr  
Therapielinien

**RIPRETINIB**  
mPFS 6.3 mo  
ORR 9.4%

mPFS 34 mo  
ORR 91%

# Änderungen der Therapiesequenz?

**Journal of Clinical Oncology**<sup>®</sup>  
An American Society of Clinical Oncology Journal

[J Clin Oncol](#). 2022 Dec 1; 40(34): 3918–3928.  
Published online 2022 Aug 10. doi: [10.1200/JCO.22.00294](https://doi.org/10.1200/JCO.22.00294)

PMCID: PMC9746771  
PMID: [35947817](https://pubmed.ncbi.nlm.nih.gov/35947817/)

Ripretinib Versus Sunitinib in Patients With Advanced Gastrointestinal Stromal Tumor After Treatment With Imatinib (INTRIGUE): A Randomized, Open-Label, Phase III Trial

[Sebastian Bauer](#), MD,<sup>1,2</sup> [Robin L. Jones](#), MD, MBBS,<sup>3</sup> [Jean-Yves Blay](#), MD, PhD,<sup>4</sup> [Hans Gelderblom](#), MD, PhD,<sup>5</sup> [Suzanne George](#), MD,<sup>6</sup> [Patrick Schöffski](#), MD,<sup>7</sup> [Margaret von Mehren](#), MD,<sup>8</sup> [John R. Zalcborg](#), MD, PhD,<sup>9</sup> [Yoon-Koo Kang](#), MD, PhD,<sup>10</sup> [Albiruni Abdul Razak](#), MRCP, MBBCh,<sup>11</sup> [Jonathan Trent](#), MD, PhD,<sup>12</sup> [Steven Attia](#), DO,<sup>13</sup> [Axel Le Cesne](#), MD,<sup>14</sup> [Ying Su](#), MD, PhD,<sup>15</sup> [Julie Meade](#), MD,<sup>15</sup> [Tao Wang](#), PhD,<sup>15</sup> [Matthew L. Sherman](#), MD,<sup>15</sup> [Rodrigo Ruiz-Soto](#), MD,<sup>15</sup> and [Michael C. Heinrich](#), MD<sup>16,17</sup>

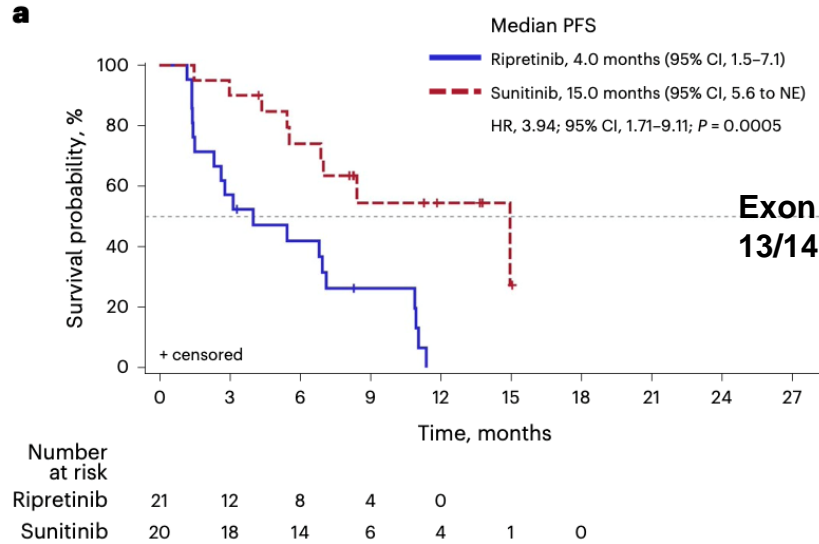
original reports  
**Avapritinib Versus Regorafenib in Locally Advanced Unresectable or Metastatic GI Stromal Tumor: A Randomized, Open-Label Phase III Study**

[Yoon-Koo Kang](#), MD, PhD<sup>1</sup>; [Suzanne George](#), MD<sup>2</sup>; [Robin L. Jones](#), MD<sup>3</sup>; [Piotr Rutkowski](#), MD, PhD<sup>4</sup>; [Lin Shen](#), MD, PhD<sup>5</sup>; [Olivier Mir](#), MD, PhD, MPH<sup>6</sup>; [Shreyaskumar Patel](#), MD<sup>7</sup>; [Yongjian Zhou](#), MD, PhD<sup>8</sup>; [Margaret von Mehren](#), MD<sup>9</sup>; [Peter Hohenberger](#), MD<sup>10</sup>; [Victor Villalobos](#), MD, PhD<sup>11,12</sup>; [Mehdi Brahmi](#), MD<sup>13</sup>; [William D. Tap](#), MD<sup>14</sup>; [Jonathan Trent](#), MD, PhD<sup>15</sup>; [Maria A. Pantaleo](#), MD, PhD<sup>16</sup>; [Patrick Schöffski](#), MD<sup>17</sup>; [Kevin He](#), PhD<sup>18</sup>; [Paggy Hew](#), MS<sup>18</sup>; [Kate Newberry](#), PhD<sup>18</sup>; [Maria Roche](#), MS<sup>18</sup>; [Michael C. Heinrich](#), MD<sup>19</sup>; and [Sebastian Bauer](#), MD<sup>20</sup>

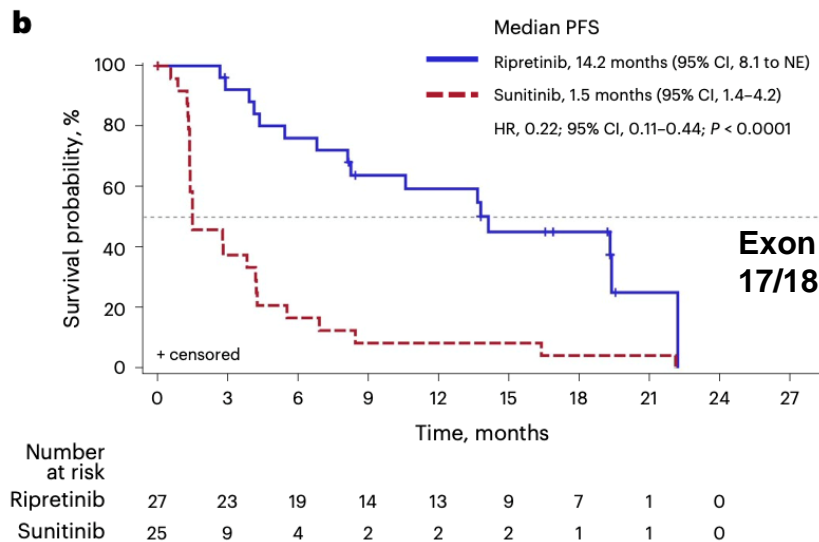
**Negative Studien - Kein Vorteil im PFS im Vergleich zu Sunitinib**

**Keine Änderung der Sequenz**

## Ripretinib in der 2. Linie: Phase III INTRIGUE

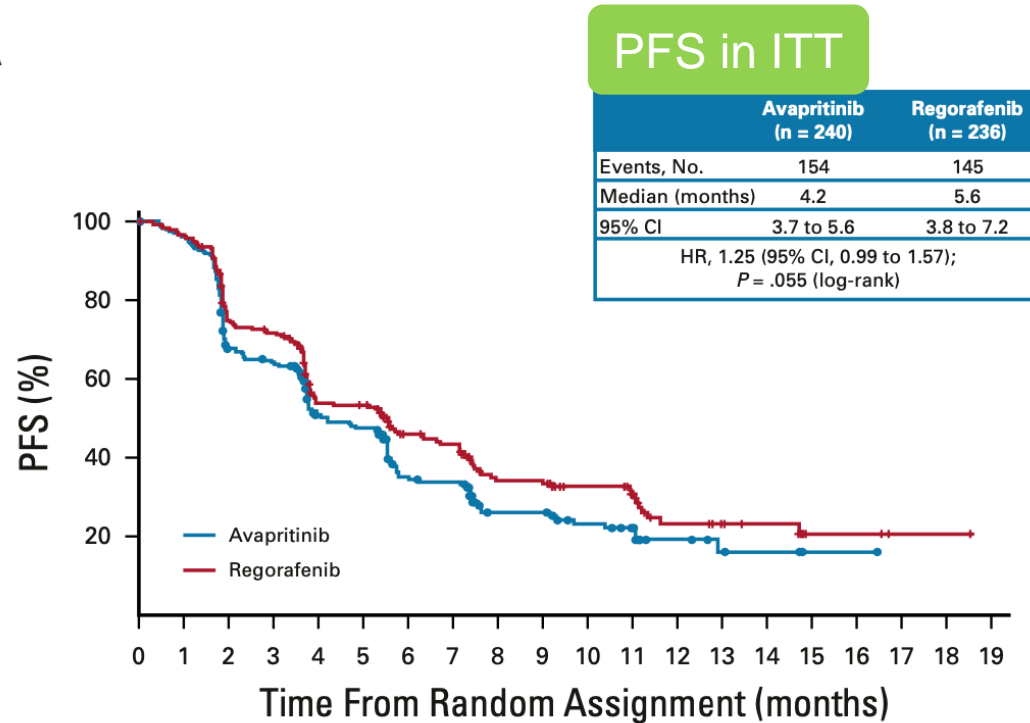


Wirksamkeit von Ripretinib v.a. bei sekundärer Mutation in **Exon 17/18**



# Phase III-Studie VOYAGER – Avapritinib 3. Linie

**A**



No. at risk:

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Avapritinib	240	221	151	142	94	88	53	50	29	29	22	17	8	5	4	1	1	0		
Regorafenib	236	224	169	161	108	106	71	66	46	46	36	31	15	11	9	3	3	1	1	0

## ITT Population

Best Response	Avapritinib (n = 240)	Regorafenib (n = 236)
ORR, % (95% CI)	17.1 (12.5 to 22.5)	7.2 (4.3 to 11.3)
CR, No. (%)	0	0
PR, No. (%)	41 (17.1)	17 (7.2)
SD, No. (%)	113 (47.1)	159 (67.4)
PD, No. (%)	67 (27.9)	49 (20.8)
NE, No. (%)	1 (0.4)	0
Unknown, No. (%)	18 (7.5)	11 (4.7)
DCR, <sup>a</sup> % (95% CI)	41.7 (35.4 to 48.2)	46.2 (39.7 to 52.8)

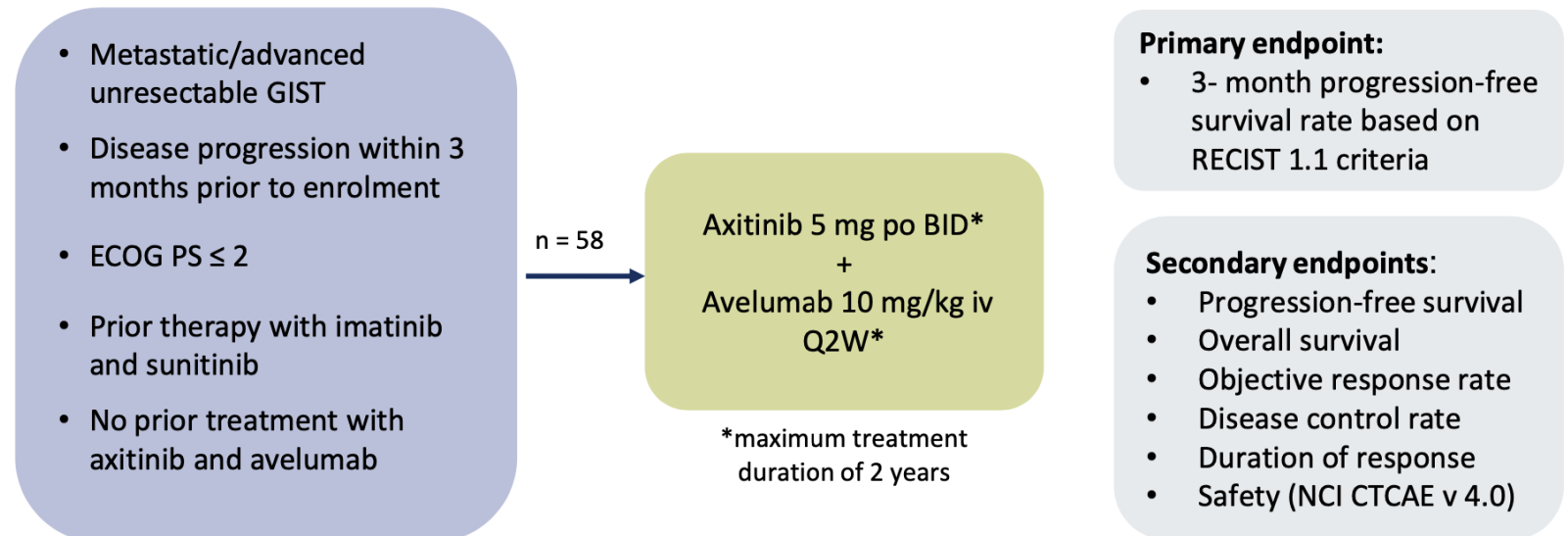
Geringere Wirksamkeit bei KIT Exon 13 und 14 Mutationen

## AXAGIST: A phase II, single arm study of avelumab in combination with axitinib in patients with unresectable/metastatic gastrointestinal stromal tumor after failure of standard therapy

Piotr Rutkowski<sup>1</sup>, Anna Klimczak<sup>1</sup>, Paweł Teterycz<sup>1</sup>, Tomasz Świtaj<sup>1</sup>,  
Paweł Rogala<sup>1</sup>, Maria Pantaleo<sup>2</sup>, Katarzyna Kozak<sup>1</sup>

<sup>1</sup> Department of Soft Tissue/Bone Sarcoma and Melanoma, Maria Skłodowska-Curie National Research Institute of Oncology, Warsaw Poland

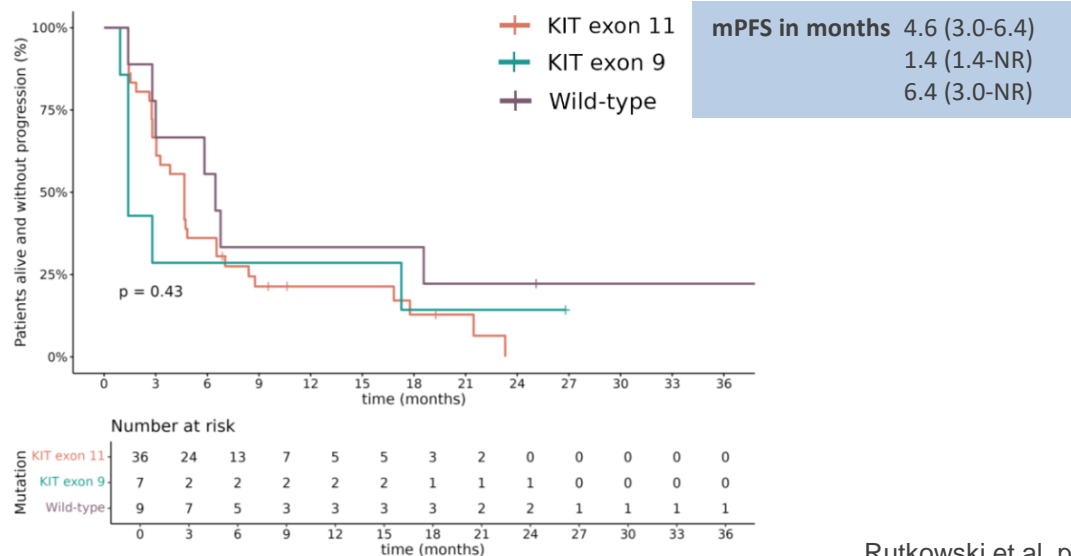
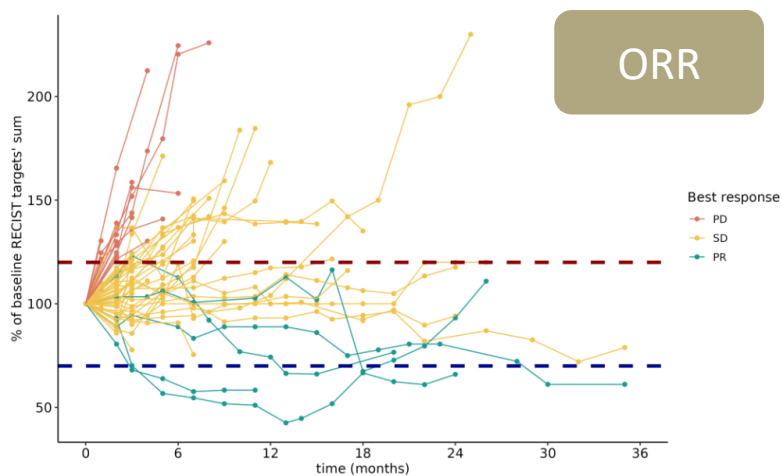
<sup>2</sup> Division of Oncology, IRCCS Azienda Ospedaliero-Universitaria di Bologna, Bologna, Italy



# AXAGIST

Outcome	Patients n=56
Partial response, n (%)	5 (8.9)
Stable disease, n (%)	34 (60.7)
Progressive disease, n (%)	17 (30.4)
Disease control rate, n (%)	39 (69.6)
Duration of objective response Median — mo (95% CI)	18.5 (18.3–NR)

Outcome	Patients n=56
3-month progression free-survival rate, %	57.1
Progression-free survival, median mo (95% CI)	4.6 (2.9-6.4)
Overall survival, median mo (95% CI)	14.2 (9.2-26.3)
Alive at 12 mo — %	59.3



# Neue Therapieoptionen im Blick?

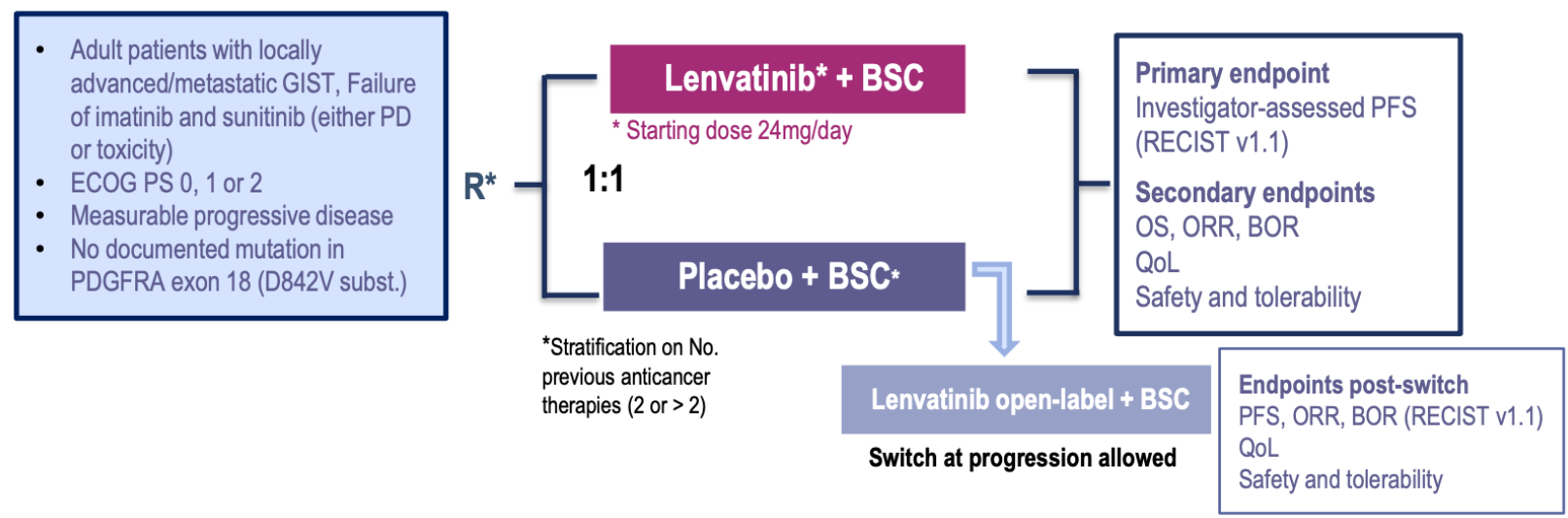
## LENVAGIST

A multicentre, comparative, placebo-controlled, double-blinded, phase II study of the efficacy of lenvatinib in patients with locally advanced or metastatic GIST after failure of imatinib and sunitinib

**Prof. Jean-Yves BLAY, MD, PhD**

A Le Cesne, C. Cropet, M. Brahmi, R. Bahleda, E. Bompas, T. Valentin, A. Hervieu, O. Bouche, A. Dufresne, M. Toulmonde, K. Bourcier, F. Duffaud, M. Pracht, F. Bertucci, L. Lebellec, A. Italiano, B. Verret, J. Gautier, D. Perol.

1Medical Oncology Department, Gustave Roussy - Cancer Campus, Villejuif, France, 2Clinical Research Department, Centre Léon Bérard, Lyon, France, 3Medical Oncology Dept., Centre Léon Bérard, Lyon, France, 4Drug Development Department, Institut Gustave Roussy, Paris, France, 5Oncology Dept., ICO Institut de Cancérologie de l'Ouest René Gauducheau, Saint-Herblain, France, 6Medical Oncology Department, Institut Universitaire du Cancer - Toulouse- Oncopole, Toulouse, France, 7Medical oncology, Centre Georges-François Leclerc (Dijon), Dijon, France, 8Gastroenterology and Digestive Oncology, Hôpital Robert Debré - CHU de Reims, Reims, France, 9Medical Oncology Dept, Centre Léon Bérard, Lyon, France, 10Medical Oncology Department, Institut Bergonié - Centre Régional de Lutte Contre le Cancer (CLCC), Bordeaux, France, 11Oncology unit, CHU La Timonière Adultes, Marseille, France, 12Medical Oncology Department, Centre Eugène - Marquis, Rennes, France, 13Institut Paoli-Calmettes, Marseille, France, 14Medical oncology, Centre Oscar Lambret, Lille, France, 15Early Phase Trials Unit, Institut Bergonié - Centre Régional de Lutte Contre le Cancer (CLCC), Bordeaux, France, 16Medical Oncology Department, Institut Gustave Roussy, Villejuif, France.

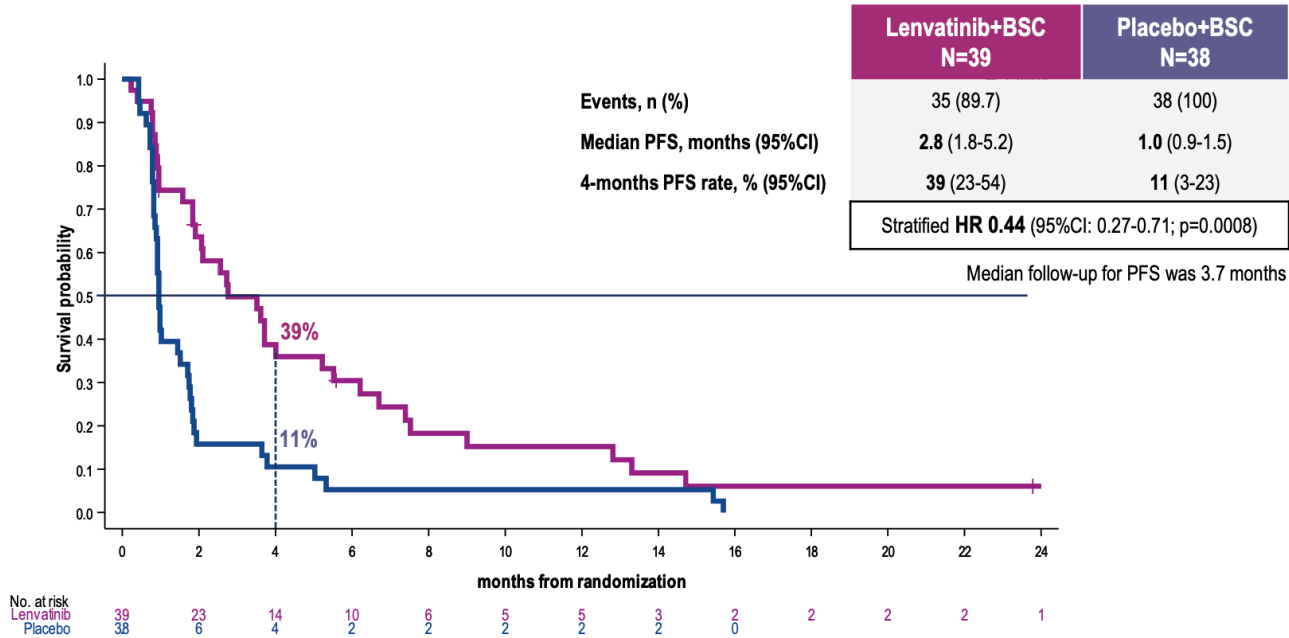


> 50% der Patienten > 3 Vortherapien



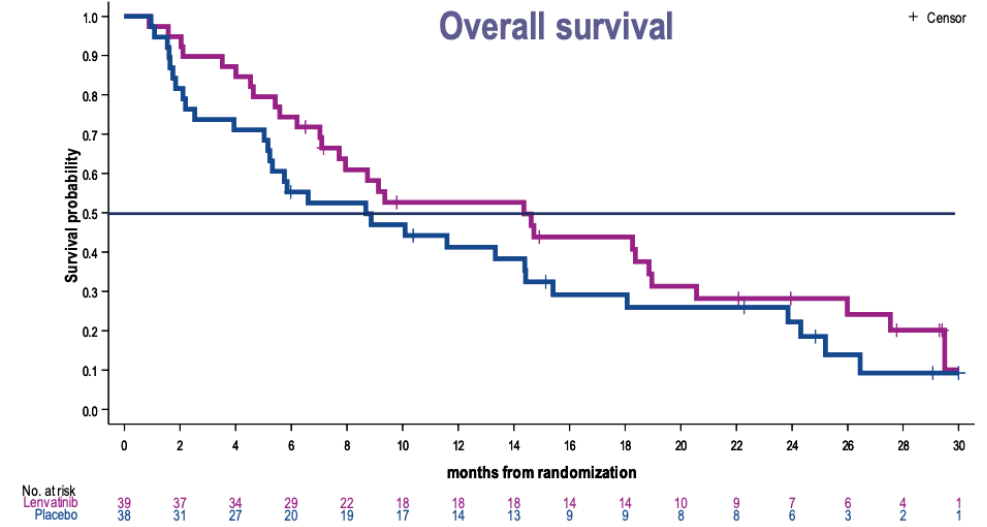
# LENVAGIST

## Primärer Endpunkt PFS (ITT)



## Sekundärer Endpunkt OS (ITT)

	Lenvatinib+BSC N=39	Placebo+BSC N=38
Events (deaths), n (%)	30 (76.9)	31 (81.6)
Median OS, months (95%CI)	14.4 (7.1-18.9)	8.7 (5.2-14.4)
Stratified HR 0.77 (95%CI: 0.46-1.28; p=0.31)		
Median follow-up for OS was 22.1 months		



**ORR 5.1% vs. 0%**

**Klinischer Benefit nach Versagen der Standardtherapien**

## Neue Therapieoptionen im Blick?

### StrateGIST 1: a first-in-human (FIH), phase 1 study of IDRX-42 in patients with metastatic gastrointestinal stromal tumors resistant to prior treatment with tyrosine kinase inhibitors (TKIs)

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**IDRX-42:** Hoch selektiver Inhibitor aktivierender und resistenzvermittelnder KIT-Mutationen

#### Key Eligibility Criteria

- Metastatic and/or unresectable GIST
- Pathogenic mutations in *KIT* or non-exon 18 *PDGFRA*
- Progression on imatinib (phase 1)
- ECOG PS 0-1

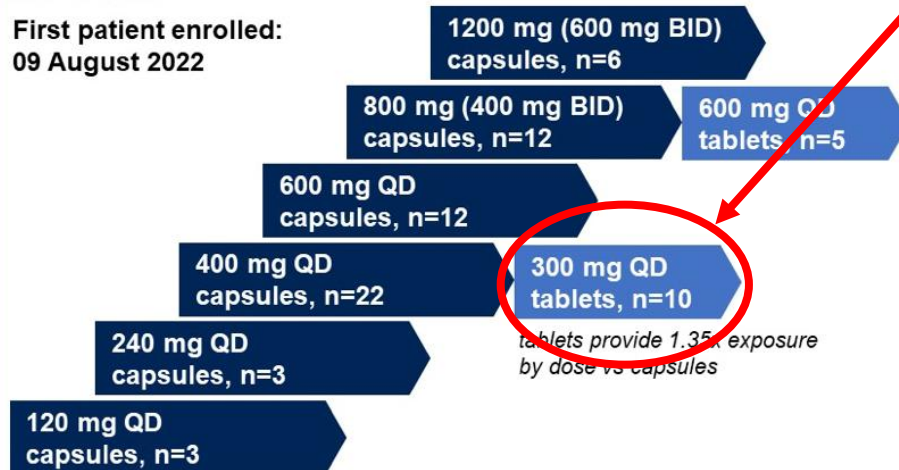
#### Endpoints

- Safety/tolerability
- PK
- Anti-tumor activity (investigator-assessed)<sup>†</sup>

#### Phase 1 Dose Escalation (3+3 Design) <sup>††</sup>

NCT05489237

First patient enrolled:  
09 August 2022



Enrollment beyond 3+3 at doses between 400 mg and 800 mg (backfill and dose confirmation)

#### Phase 1b Cohorts at RP1bD(s)<sup>‡</sup>

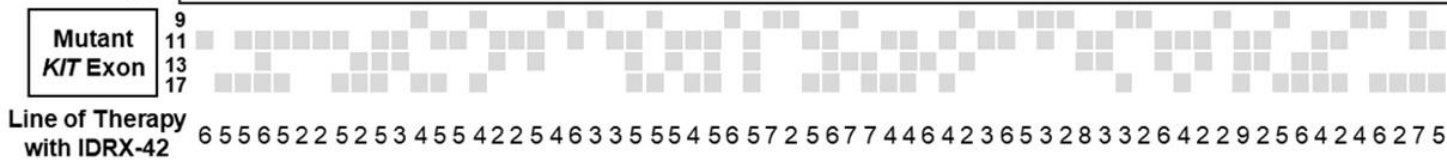
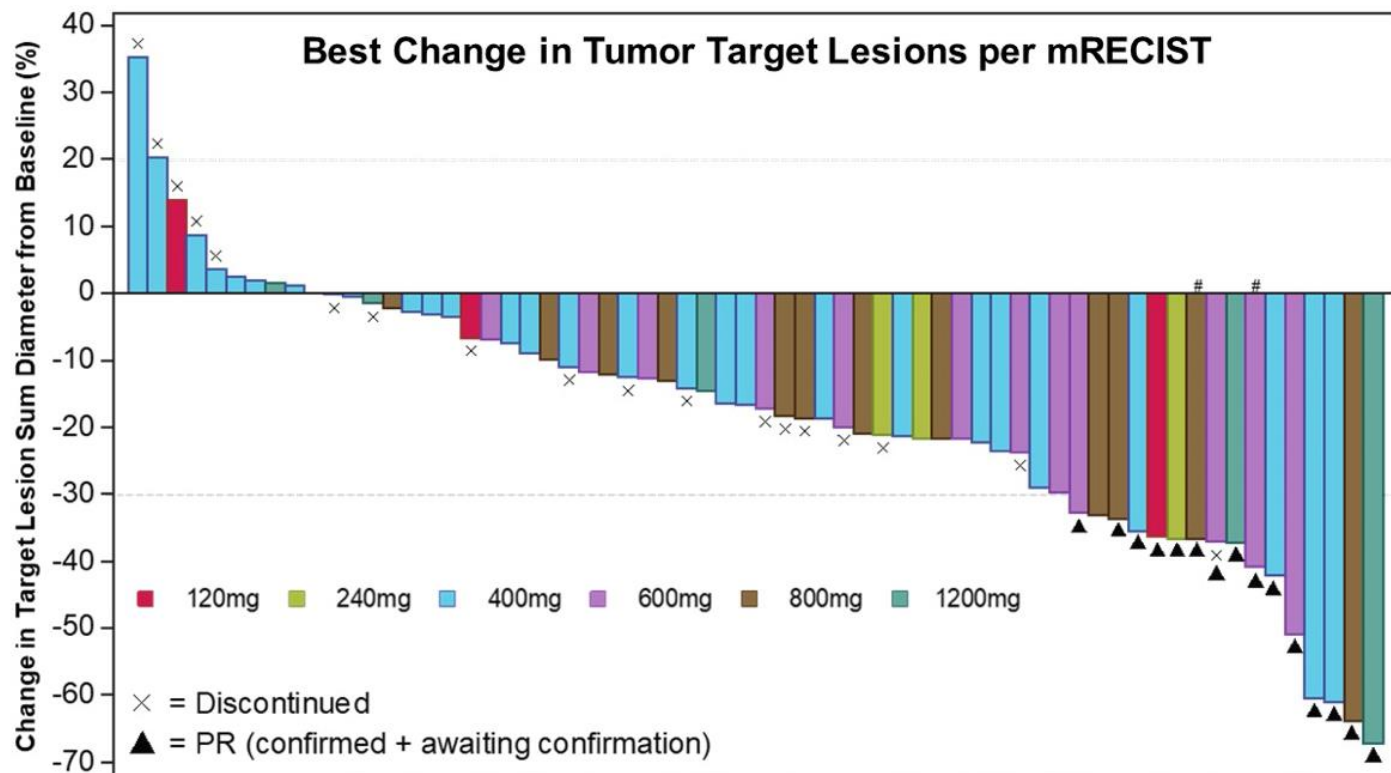
**1<sup>st</sup> Line**  
Treatment naïve

**2<sup>nd</sup> Line**  
Progression on imatinib

**≥3<sup>rd</sup> Line with approved TKIs**  
Progression on at least imatinib and sunitinib

**≥3<sup>rd</sup> Line with investigational TKIs**  
prior bezuclastinib, NB003,  
or THE-630 (in addition to approved TKIs)

# IDRX-42



mRECIST Response Evaluable for Efficacy†		
	All Patients N=66	2 <sup>nd</sup> Line Patients N=14
Median follow-up, months	5.6	3.0
Partial Response, n (%) <i>confirmed + awaiting confirmation</i>	15 (23) <sup>††</sup>	6 (43) <sup>‡</sup>
Median time to response, months	2.6	3.7

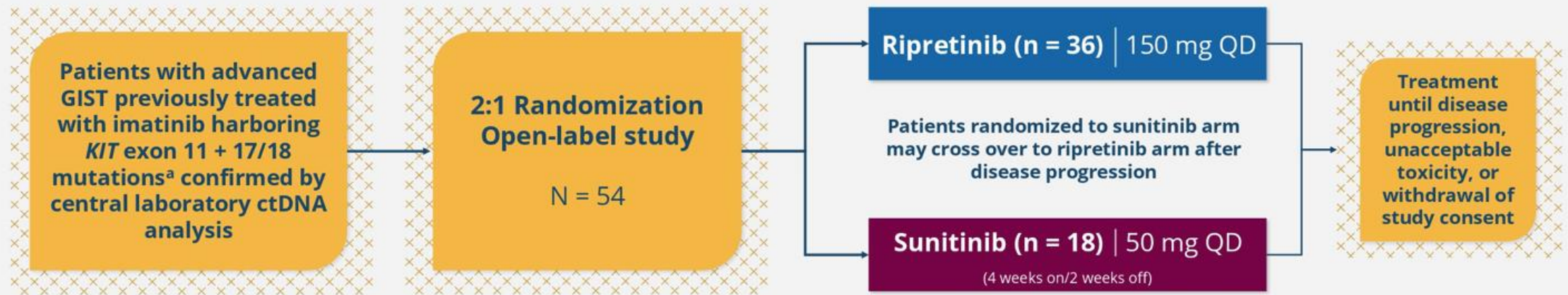
Vielversprechendes **Ansprechen** bei **multipel vorthera-pierten GIST** Patienten (Median 4 Linien)  
**Geringe Rate** an Grad 3-4 **Toxizitäten** (je 3-4% Diarrhoe, Anämie, Fatigue, Nausea)

## Was können wir von INTRIGUE lernen?

### Definition der Ein- und Ausschlusskriterien: Phase III INSIGHT

## Study Design

Figure 2. INSIGHT study design

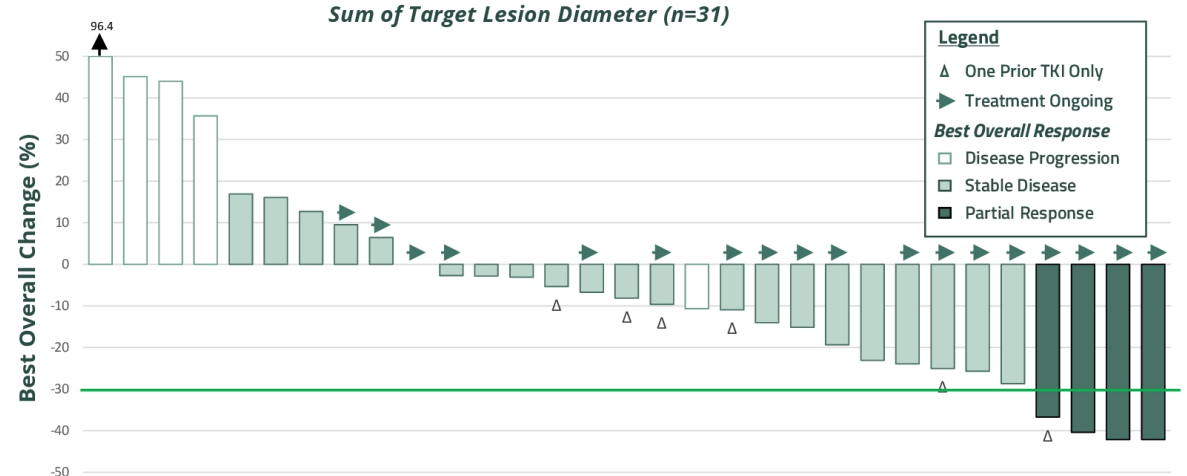
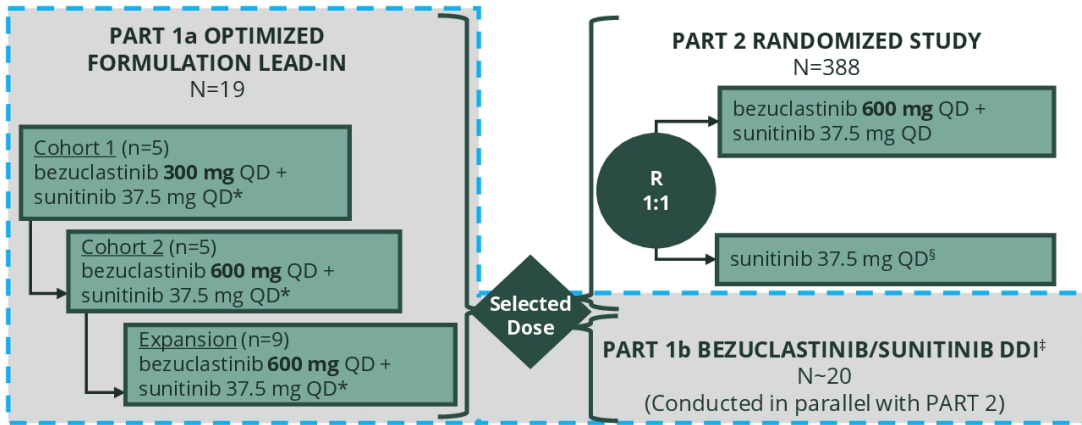


<sup>a</sup>Excludes additional *KIT* primary and secondary mutations in exons 9, 13, or 14. ctDNA, circulating tumor DNA; GIST, gastrointestinal stromal tumor; QD, once daily.

# PEAK trial Phase III Part 1

Best overall change (%) in sum of target lesion diameter

## Focus of current presentation



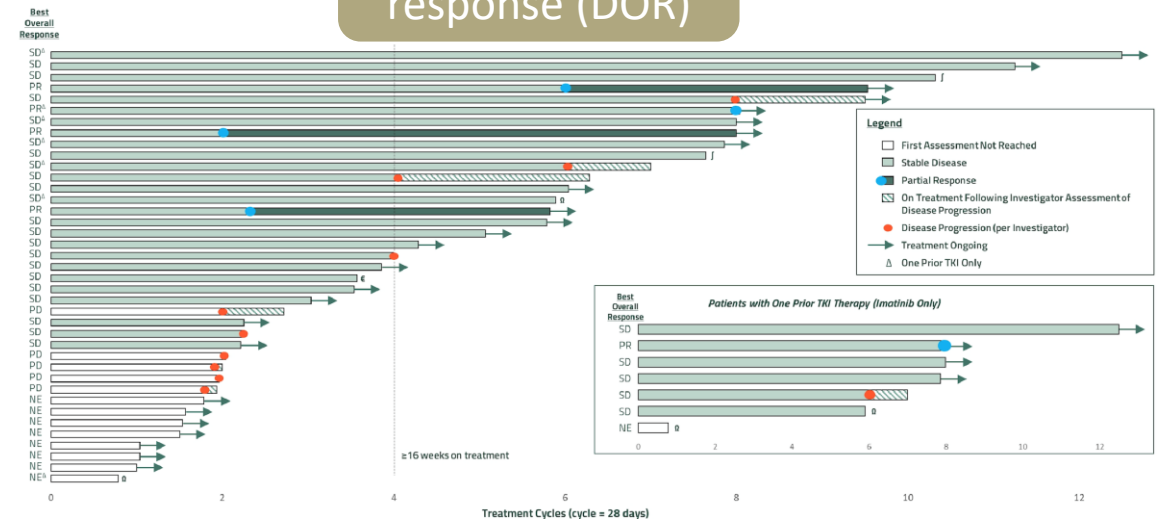
<sup>a</sup>One prior TKI only

As of 29-Mar-2023 Data-cut  
Efficacy Evaluable Analysis Set: All treated pts with ≥1 postbaseline tumor assessment

**Inhibition primärer und sekundärer häufiger Mutationen**  
**Bezuclastinib (KIT Exon 9, 11, 17 und 18) + Sunitinib (KIT Exon 9, 11, 13 und 14)**

**Part 2 läuft, einige Zentren bereits geschlossen**

## Duration of response (DOR)



## Weitere TKI's in der Behandlung von GIST

Drug	Clinical Trial	Setting Treatment Line	ORR (%)	mPFS (mo)	Phase
Avapritinib	Kang (2021) <sup>78</sup>	Third/fourth	17	4.2	III-R
Cabozantinib	Schöffski (2020) <sup>79</sup>	Third	14	5.5	II
Dasatinib	Schuetze (2018) <sup>80</sup>	Second or more	4	2.9	II
Dovitinib	Kang (2013) <sup>81</sup>	Third or more	3	3.6	II
	Joensuu (2017) <sup>82</sup>	Third or more	5	4.6	II
Masitinib	Adenis (2014) <sup>83</sup>	Second	NA	3.7	II
Nilotinib	Montemurro (2009) <sup>84</sup>	Third or more	10	2.8	II
	Sawaki (2011) <sup>85</sup>	Third	3	3.7	II
	Cauchi (2012) <sup>86</sup>	Third or more	0	2.0	II
	Reichardt (2012) <sup>87</sup>	Third	< 1	3.6	III-R
Pazopanib	Ganjoo (2014) <sup>88</sup>	Second or more	0	1.9	II
	Mir (2016) <sup>89</sup>	Second or more	0	3.4	II-R
	Eriksson (2021) <sup>90</sup>	Third/fourth	3	4.5	II
Ponatinib*	George (2022) <sup>91</sup>	Second or more	8	4.3	II
Sorafenib	Kindler (2011) <sup>92</sup>	Second or more	13	5.2	II
	Park (2012) <sup>93</sup>	Third or more	13	4.9	II

**Keine offiziellen  
Zulassungen**

## Take Home Messages

- **Welches Medikament wann?**
  - Imatinib in der Adjuvanz für 3 Jahre -> eventuell länger? Für alle?
  - 5 zugelassene medikamentöse Therapieoptionen in der metastasierten Erkrankung
  - KIT/PDGFR-mutiert: Imatinib -> Sunitinib -> Regorafenib -> Ripretinib
  - PDGFRA D824V Mutation: Avapritinib
- Sekundäre und tertiäre Mutationen haben einen Einfluss auf die Wirksamkeit in den Folgetherapielinien
  - Ripretinib bei Exon 17/18 besser als Sunitinib? -> **INSIGHT**

## Take Home Messages

- **AXAGIST**

- Axitinib + Avelumab prinzipiell gut verträglich
- Axitinib der bessere TKI als Sunitinib? Kombination oder Sequenz?

- **LENVAGIST**

- mPFS nach multiplen Vortherapien 2.8 Monate -> neue Option nach Versagen der zugelassenen 4 Linien?
- ORR 5.1%

- **IDRX-42**

- Neuer Player am Horizont?
- Vielversprechende Wirksamkeit in Phase I mit ORR 23% bei massiv vortherapierten Patienten

- **PEAK**

- Inhibition aller häufigen Sekundärmutationen durch Kombination 2er TKI



I just need  
the main ideas



**Wir brauchen Studien, um GIST  
auch in späteren Linien noch besser  
behandeln zu können!**