# 19<sup>ds</sup> Jornadas HITOS LO 2024 ONCOLÓGICOS: MEJOR 2024



# Tratamiento de tercera línea y sucesivas del cáncer colorrectal metastásico

Cristina Grávalos



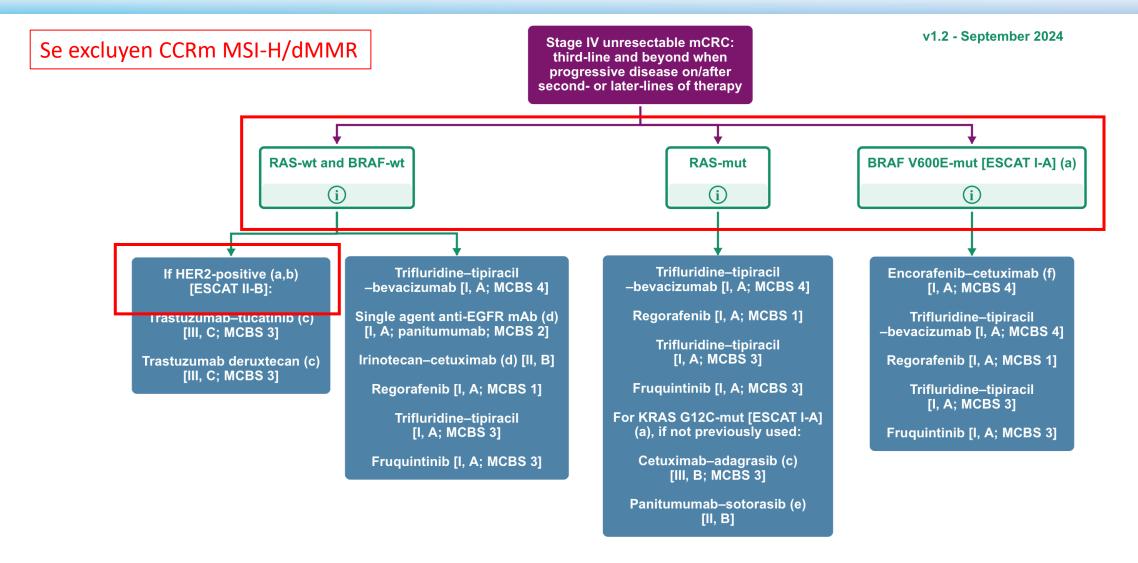
### Introducción

- El oxaliplatino, el irinotecan y las fluoropirimidinas, generalmente asociados a antiangiogénicos o anti-EGFR (RAS/BRAF wt), son los tratamientos sistémicos considerados estándares en 1ª y 2ª líneas
- Sin embargo, el CCRm es una enfermedad heterogénea con distintos subtipos moleculares
  - para los que se están desarrollando nuevas terapias dirigidas
  - y además, el perfil mutacional de RAS/BRAF/HER2 puede modificarse con el tiempo (biopsia líquida)
- La mayoría de los pacientes desarrollarán intolerancia o progresarán a estos fármacos y es necesario disponer de esquemas de  $\geq 3^{a}$  línea que prolonguen la supervivencia
- Y de nuevas opciones de tratamiento no sistémico

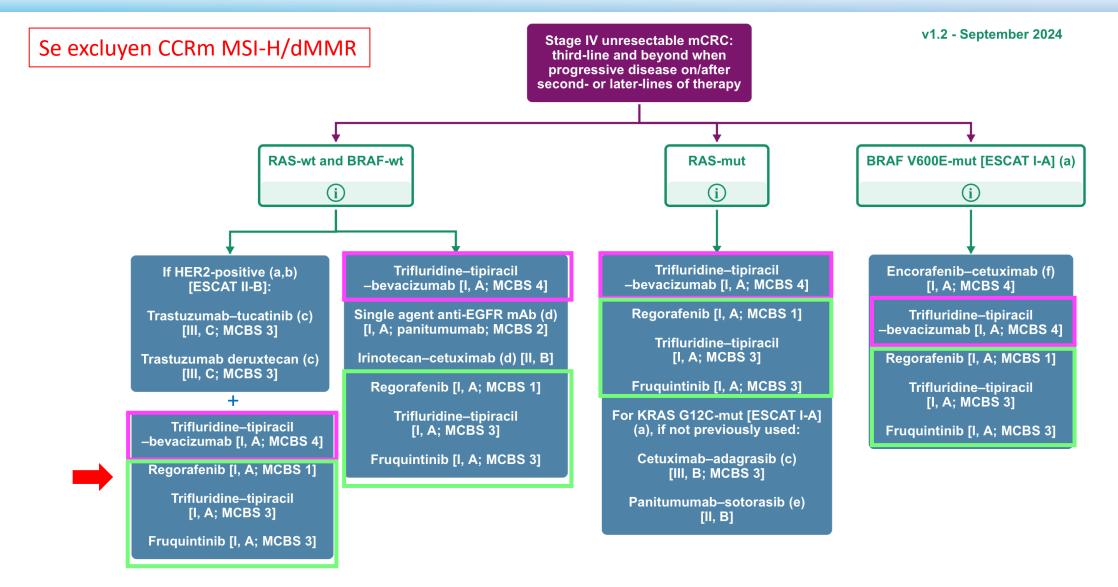


## Tratamiento sistémico de > 3ª línea

## ESMO Metastatic Colorectal Cancer Living Guidelines 2024: 3ª línea y sucesivas

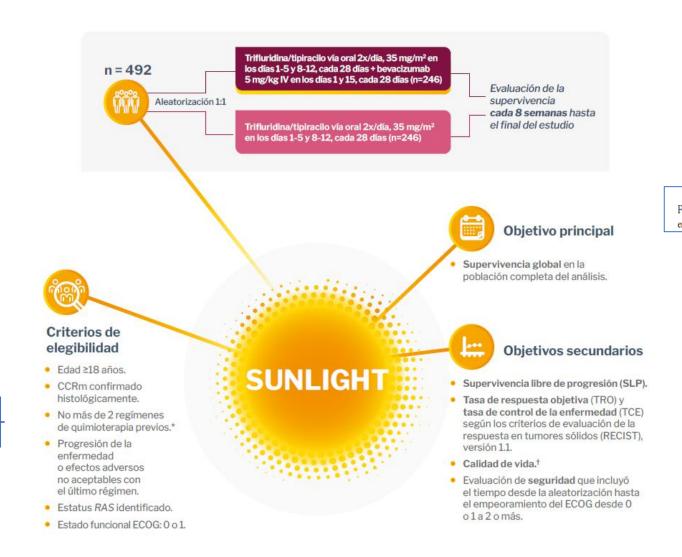


## ESMO Metastatic Colorectal Cancer Living Guidelines 2024: 3º línea y sucesivas sin selección molecular



### TAS 102 + bevacizumab: Diseño estudio fase III SUNLIGHT

#### Estudio fase III, aleatorizado, prospectivo, multicéntrico, en 3ª L CCRm



The study was designed to have 90% power to detect a HR of 0.70 (a 30% reduction in risk of death) in the FTD/TPI and bevacizumab group compared with the FTD/TPI monotherapy group, with a one-sided Type I error rate of 0.025. Given the treatment assignment ratio of 1:1, we calculated that 490 patients had to be enrolled



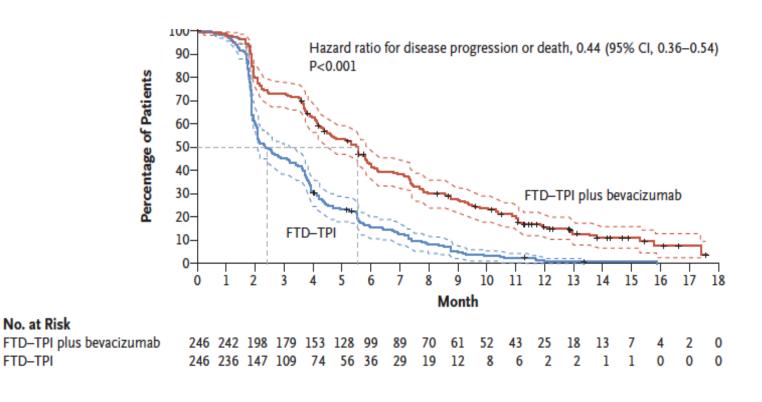
Aumento en SGm: 7.1 a 10.1 meses



No. at Risk

FTD-TPI

## Eficacia: SLP



FTD-TP + B 5.6 m FTD-TP 2.4 m + 3.2 m

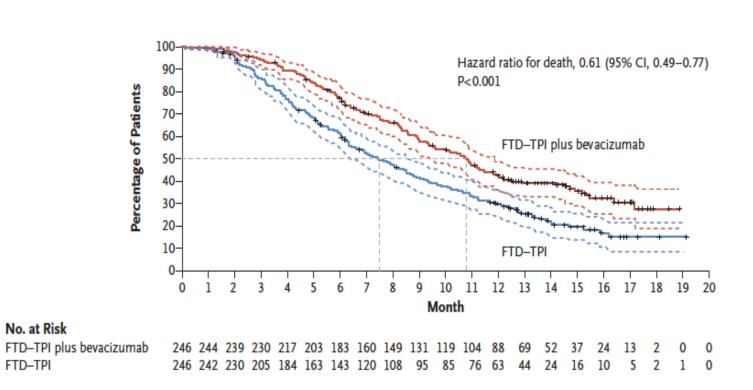
|                                       | FTD/TPI Plus<br>Bevacizumab | FTD/TPI<br>Group | FTD/TPI Plus<br>Bevacizumab | FTD/TPI<br>Group     | Haz | ard Ratio                        |
|---------------------------------------|-----------------------------|------------------|-----------------------------|----------------------|-----|----------------------------------|
|                                       | Group                       |                  | Group                       |                      |     |                                  |
|                                       | No. of event                | sflotal no:      | Median progression fro      | ee survival (95% CI) |     |                                  |
| Region                                |                             |                  |                             |                      |     |                                  |
| European Union                        | 134/158                     | 153/157          | 4.8 (4.1-5.8)               | 2.1 (2.0-2.8)        | -   | 0.42 (0.33-0                     |
| North America                         | 3/8                         | 5./8             | NE (2.2-NE)                 | 3.0 (1.5-4.4) =      | _   | <ul> <li>0.36 (0.08–1</li> </ul> |
| Rest of the world                     | 69/80                       | 78/81            | 5.9 (5.6-7.4)               | 3.4 (2.1-4.0)        |     | 0.50 (0.38-0                     |
| Time from diagnosis of first metastar | sis                         |                  |                             |                      |     |                                  |
| <18 months                            | 86/104                      | 100/105          | 5.6 (4.4-6.0)               | 2.0 (1.9-2.1)        | -   | 0.36 (0.26-0                     |
| ≥18 months                            | 120/142                     | 136/141          | 5.5 (4.3-6.2)               | 3.7 (2.5-3.8)        |     | 0.51 (0.39-0                     |
| RAS status                            |                             |                  |                             |                      |     |                                  |
| Mutant                                | 147/171                     | 162/170          | 5.1 (4.2-5.8)               | 2.5 (2.1-3.6)        | -   | 0.51 (0.41-0                     |
| Wild                                  | 59/75                       | 74/76            | 6.0 (4.8-7.9)               | 2.3 (2.0-3.1)        |     | 0.29 (0.20-0                     |
| Location of primary disease           |                             |                  |                             |                      |     |                                  |
| Left                                  | 155/184                     | 160/169          | 5.6 (4.6-6.1)               | 2.6 (2.1-3.6)        |     | 0.44 (0.35-0                     |
| Right                                 | 51/62                       | 76/77            | 5.2 (3.8-6.2)               | 2.1 (2.0-3.7)        |     | 0.44 (0.31-0                     |
| ECOG PS                               |                             |                  | ,,                          |                      |     |                                  |
| 0                                     | 96/119                      | 103/106          | 5.8 (4.7-7.4)               | 2.6 (2.1-3.8)        |     | 0.37 (0.27-0                     |
| 21                                    | 110/127                     | 133/140          | 5.3 (4.1-5.9)               | 2.1 (2.0-3.1)        |     | 0.50 (0.39-0                     |
| Sex                                   |                             | 1001110          | 0.0 (0.1 0.0)               | and quite only       |     | 0.00 (0.00 0                     |
| Female                                | 102/124                     | 108/112          | 5.6 (4.1-6.2)               | 2.1 (1.9-3.7)        |     | 0.46 (0.35-0                     |
| Male                                  | 104/122                     | 128/134          | 5.5 (4.4-6.0)               | 2.6 (2.1-3.6)        | -   | 0.42 (0.32-0                     |
| Age, years                            | 10-11166                    | 1200 124         | 2.2 (2.4 2.2)               | 2.0 (2.1-0.0)        |     | D.76 (0.06 0                     |
| <85                                   | 124/146                     | 122/129          | 5.3 (4.2-5.9)               | 2.1 (1.9-2.7)        | -   | 0.41 (0.31-0                     |
| ≥65                                   | 82/100                      | 114/117          | 5.8 (4.5-7.5)               | 3.1 (2.1-3.8)        |     | 0.46 (0.34-0                     |
| No. of metastatic sites               | 021100                      | 11-0111          | 0.0 (4.0 1.0)               | 0.1 (4.1 0.0)        | -   | 0.40 (0.54 0                     |
| 1 or 2                                | 121/152                     | 137/141          | 5.9 (5.5-7.4)               | 2.7 (2.1-3.7)        |     | 0.39 (0.31-0                     |
| ≥3                                    | 85/94                       | 99/105           | 4.1 (3.5-4.8)               | 2.1 (1.9-3.2)        |     | 0.54 (0.40-0                     |
| Neutrophil lymphocyte ratio           | 03/84                       | 99/100           | 4.1 (3.3-4.0)               | 2.1 (1.8-3.2)        |     | 0.34 (0.40-0                     |
| <3                                    | 101/128                     | 110/115          | 5.8 (5.3-7.2)               | 3.7 (2.5-3.9)        | -   | 0.46 (0.35-0                     |
| 23                                    | 104/117                     | 126/131          | 4.2 (3.7–5.8)               | 2.0 (1.9-2.2)        | -   | 0.40 (0.30-0                     |
| No. of prior metastatic drug regimen  |                             | 120/131          | 4.2 (3.7-3.0)               | 2.0 (1.9-2.2)        | -   | 0.40 [0.30-0                     |
| No. of prior metastatic drug regimen  | 8/11                        | 13/15            | 4.9 (3.6-11.1)              | 1.9 (1.7-2.1)        |     | 0.37 (0.15-0                     |
| ≥2                                    | 198/235                     | 223/231          |                             |                      | -   |                                  |
| BRAF status                           | 190(235                     | 223/231          | 5.6 (4.6-5.9)               | 2.6 (2.1-3.5)        | -   | 0.44 (0.36-0                     |
| D. C. C. COMMING                      |                             | *****            | 70 H 0 HE                   | 00110 701            | -   | 0.00.00.00.0                     |
| Mutant                                | 5/8                         | 10/11            | 7.8 (1.9-NE)                | 2.8 (1.9-7.3)        |     | 0.39 (0.12-1                     |
| Wild                                  | 134/159                     | 150/156          | 5.6 (4.3-6.0)               | 2.3 (2.1-3.3)        | -   | 0.40 (0.31-0                     |
| MMR/MSI status                        | 4440                        | 0.10             | 7 4 (0.0 40.11              | 0.044.4.4.5          |     | 0.00.00.00.0                     |
| MSI high/MMR deficient                | 11/13                       | 8.18             | 7.4 (2.2-10.1)              | 2.0 (1.1-4.2)        | •   | 0.20 (0.06-0                     |
| MSI stable or low/MMR proficient      | 116/139                     | 142/145          | 5.3 (4.1-5.8)               | 2.1 (2.0-2.8)        |     | 0.41 (0.32-0                     |
| Prior bevacizumab                     |                             |                  |                             |                      |     |                                  |
| No                                    | 52/68                       | 65/69            | 7.7 (6.2-9.4)               | 2.6 (2.0-3.9)        | -   | 0.29 (0.19-0                     |
| Yes                                   | 154/178                     | 171/177          | 4.5 (4.1-5.5)               | 2.2 (2.1-3.4)        | +   | 0.51 (0.41-0                     |
| Prior surgical resection              |                             |                  |                             |                      |     |                                  |
| No                                    | 132/153                     | 145/152          | 4.7 (4.1-5.6)               | 2.1 (1.9-2.3)        |     | 0.43 (0.33-0                     |
| Yes                                   | 74/93                       | 91/94            | 7.4 (5.6-8.0)               | 3.7 (2.6-4.2)        |     | 0.43 (0.31-0                     |
| Overall                               | 206(246                     | 236/246          | 5.8 (4.5-5.9)               | 2.4 (2.1-3.2)        |     | 0.44 (0.36-0.                    |



No. at Risk

FTD-TPI

## Eficacia: SG



FTD-TP + B 10.8 m FTD-TP 7.5 m + 3.3 m

| Subgroup                             | FTD/TPI Plus         | FTD/TPI     | FTD/TPI Plus                            | FTD/TPI          | Haz   | ard Ratio  |
|--------------------------------------|----------------------|-------------|---|------------------|-------|--|
| Subgroup                             | Bevacizumab<br>Group | Group       | Bevacizumab<br>Group                    | Group            | 1102  | ara Nauo   |
|                                      | No. of event         | s/total no. | Median overall su                       | irvival (95% CI) |       |  |
| Region                               |                      |             |   |                  |       |  |
| European Union                       | 97/158               | 121/157     | 10.6 (9.0-11.8)                         | 7.0 (6.0-8.5)    |       | 0.61 (0.47-0.8   |
| North America                        | 0/8                  | 4/8         |   | 6.0 (4.2-NE)     |       | <0.01 (<0.01-  |
| Rest of the world                    | 51/80                | 58/81       | 10.7 (8.5-14.2)                         | 8.5 (6.3-10.7)   | -     | 0.70 (0.48-1.0   |
| Time from diagnosis of first metasta |                      |             | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ,                |       | and the same of th |
| <18 months                           | 65/104               | 82/105      | 10.8 (8.8-12.5)                         | 6.1 (5.1-7.4)    |       | 0.52 (0.37-0.  |
| ≥18 months                           | 83/142               | 101/141     | 10.8 (9.0-12.1)                         | 8.6 (7.2-10.6)   |       | 0.70 (0.53-0.9   |
| RAS status                           | 001142               | 101/141     | 10.0 (0.0-12.1)                         | 0.0 (1.2-10.0)   |       | 0.70 (0.00-0.0   |
| Mutant                               | 103/171              | 128/170     | 10.6 (9.0-11.3)                         | 7.5 (6.3-8.6)    |       | 0.62 (0.48-0.  |
| Wild                                 | 45/75                | 55/76       | 11.9 (9.0–14.9)                         | 7.1 (5.9–10.9)   | -     | 0.64 (0.43-0.  |
| Location of primary disease          | 43/73                | 33/70       | 11.9 (8.0-14.9)                         | 7.1 (5.8–10.8)   | -     | 0.04 (0.45-0.  |
|                                      | 400/404              | 400/400     | 40.710.0.40.01                          | 0.0 (0.7.0.0)    |       | 0.05 (0.50.0   |
| Left                                 | 108/184              | 120/169     | 10.7 (9.3-12.2)                         | 8.2 (6.7-9.3)    | -     | 0.65 (0.50-0.  |
| Right                                | 40/62                | 63/77       | 10.8 (8.5-11.9)                         | 6.2 (5.2-8.0)    |       | 0.59 (0.40-0.  |
| ECOG PS                              |                      |             |   |                  |       |  |
| 0                                    | 70/119               | 74/106      | 10.8 (8.8-14.5)                         | 9.3 (7.7-11.6)   |       | 0.74 (0.53-1.  |
| ≥1                                   | 78/127               | 109/140     | 10.8 (9.0-11.9)                         | 6.3 (5.4-7.5)    |       | 0.54 (0.41-0.  |
| Sex                                  |                      |             |   |                  |       |  |
| Female                               | 79/124               | 85/112      | 10.7 (9.0-11.4)                         | 6.9 (6.0-9.0)    |       | 0.62 (0.46-0.  |
| Male                                 | 69/122               | 98/134      | 10.8 (9.0-14.6)                         | 7.8 (6.5-9.4)    |       | 0.62 (0.45-0.  |
| Age, years                           |                      |             |   |                  |       |  |
| <65                                  | 89/146               | 94/129      | 10.7 (8.5-12.1)                         | 7.5 (6.3-9.3)    |       | 0.65 (0.48-0.  |
| ≥65                                  | 59/100               | 89/117      | 11.0 (9.4-12.9)                         | 7.2 (6.0-8.8)    |       | 0.69 (0.42-0.  |
| No. of metastatic sites              |                      |             |   |                  |       |  |
| 1 or 2                               | 83/152               | 97/141      | 11.9 (10.7-15.1)                        | 8.8 (7.5-10.5)   |       | 0.62 (0.46-0.  |
| ≥3                                   | 65/94                | 86/105      | 8.5 (6.7-10.6)                          | 6.0 (5.2-7.1)    |       | 0.66 (0.47-0.  |
| Neutrophil:lymphocyte ratio          |                      | 00.100      | 0.0 (0.1 10.0)                          | ()               | 1,000 | 0.00 (0.00   |
| < <li></li>                          | 66/128               | 75/115      | 14.2 (10.8-16.4)                        | 11.0 (8.7-12.5)  |       | 0.67 (0.48-0.  |
| 23                                   | 81/117               | 108/131     | 9.0 (7.5–10.6)                          | 6.0 (5.1–6.8)    |       | 0.58 (0.44-0.  |
| No. of prior metastatic drug regime  |                      | 100/101     | 8.0 (7.3-10.0)                          | 0.0 (3.1-0.0)    |       | 0.50 (0.44-0.  |
| 1                                    | 6/11                 | 11/15       | 9.9 (8.1-NE)                            | 5.1 (3.9-8.0)    |       | 0.35 (0.12-1   |
| ≥2                                   | 142/235              | 172/1231    | 10.8 (9.4–11.9)                         | 7.8 (6.5–8.9)    |       | 0.64 (0.51-0.  |
| BRAF status                          | 142/233              | 172/1231    | 10.6 (9.4-11.9)                         | 7.0 (0.3-0.8)    |       | 0.04 (0.51-0.  |
|                                      | 4/8                  | 7/11        | 44.4.4.7.1053                           | 5 0 (0 0 NE)     |       | 0.00 (0.00.0   |
| Mutant                               |                      |             | 11.4 (4.7-NE)                           | 5.9 (3.2-NE)     |       |  |
| Wild                                 | 91/159               | 116/156     | 10.8 (9.0-12.2)                         | 7.8 (6.3–9.1)    |       | 0.59 (0.45-0.  |
| MMR/MSI status                       |                      |             |   |                  |       |  |
| MSI high/MMR deficient               | 6/13                 | 7/8         | NE (8.6-NE)                             | 5.5 (2.3-13.3)   | •     | 0.33 (0.11-0.  |
| MSI stable or low/MMR proficient     | 85/139               | 114/145     | 10.7 (9.0-11.4)                         | 7.0 (6.0-8.2)    |       | 0.57 (0.43-0.  |
| Prior bevacizumab                    |                      |             |   |                  |       |  |
| No                                   | 30/68                | 48/69       | 15.1 (12.1-NE)                          | 8.1 (6.3-9.7)    | -     | 0.40 (0.25-0.  |
| Yes                                  | 118/178              | 135/177     | 9.0 (8.3-10.8)                          | 7.1 (6.0-8.5)    |       | 0.72 (0.56-0.  |
| Prior surgical resection             |                      |             |   |                  |       |  |
| No                                   | 99/153               | 113/152     | 9.0 (8.3-10.8)                          | 6.3 (5.6-7.9)    | -     | 0.67 (0.51-0.  |
| Yes                                  | 49/93                | 70/94       | 11.9 (10.9-16.4)                        | 9.0 (7.2-10.7)   |       | 0.54 (0.37-0.  |
| Overall                              | 148/246              | 183/246     | 10.8 (9.4-11.8)                         | 7.5 (6.3-8.6)    | -     | 0.62 (0.50-0.  |



### TAS 102 + BEVACIZUMAB: Análisis de SG por subgrupos según bevacizumab/antiVEGF previo o no

#### Beva previo o no

| Variable   | FTD/TPI + bev<br>Events/N | FTD/TPI + bev<br>Median [95% CI] months | FTD/TPI<br>Events/N | FTD/TPI<br>Median [95% CI] months | HR [95% CI]         | Hazard ratio                |        |
|--|---------------------------|---|---------------------|-----------------------------------|---------------------|-----------------------------|--------|
| Prior bevacizumab  |                           |   |                     |                                   |                     |                             |        |
| No   | 30/68                     | 15.14<br>[12.12,nr]                     | 48/69               | 8.05<br>[6.34,9.69]               | 0.40<br>[0.25,0.63] | H                           |        |
| Yes  | 118/178                   | 9.00<br>[8.31,10.81]                    | 135/177             | 7.13<br>[6.04,8.51]               | 0.72<br>[0.56,0.92] | H                           |        |
|  |                           |   |                     |                                   | 0.                  | .0 0.5 1.0 1<br>HR [95% CI] | .5 2.0 |
| bev, bevacizumab; CI, confidence interval; FTD/TPI, trifluridine/tipiracil; HR, hazard ratio; nr, not reached.  HR Favours HR Favours FTD/TPI wono |                           |   |                     |                                   |                     |                             |        |

### AntiVEGF en líneas previas o no

| Subgroup                          | FTD/TPI + bev<br>Events/N | FTD/TPI + bev<br>Median [95% CI] months | FTD/TPI<br>Events/N | FTD/TPI<br>Median [95% CI] months | HR [95% CI]         |     | Hazard ra                   | tio                        |          |
|-----------------------------------|---------------------------|---|---------------------|-----------------------------------|---------------------|-----|-----------------------------|----------------------------|----------|
| No anti-VEGF                      | 26/58                     | 16.36<br>[11.86,nr]                     | 39/59               | 7.39<br>[5.52,9.30]               | 0.42<br>[0.25,0.69] |     | <b>——</b>                   |                            |          |
| First-line regimen only           | 25/39                     | 10.41<br>[8.54,15.31]                   | 30/39               | 7.23<br>[5.55,12.52]              | 0.65<br>[0.38,1.10] |     | -                           |                            |          |
| Second-line regimen only          | 42/70                     | 9.00<br>[8.15,15.14]                    | 50/65               | 8.15<br>[6.21,10.18]              | 0.66<br>[0.44,1.00] |     | -                           |                            |          |
| First- and second<br>line regimen | - 53/77                   | 9.36<br>[7.49,10.97]                    | 60/78               | 6.90<br>[5.98,8.51]               | 0.76<br>[0.52,1.10] |     |                             |                            |          |
|                                   |                           |   |                     |                                   |                     | 0.1 | 0.5 0.75 1<br>HR [95%       | 1.5<br>CI]                 | 2        |
| bev, bevacizumab<br>reached       | ; CI, confidenc           | e interval; FTD/TPI, triflur            | idine/tipirac       | il; HR, hazard ratio; nr, not     |                     | 1   | HR Favours<br>FTD/TPI + bev | HR Favours<br>FTD/TPI mono | <b>→</b> |

#### Conclusión:

El beneficio de TAS 102 + B vs TAS 102 en SG es independiente:

- de administración y momento de administración de antiVEGF
- de si el tto antiVEGF no se mantuvo durante las líneas previas



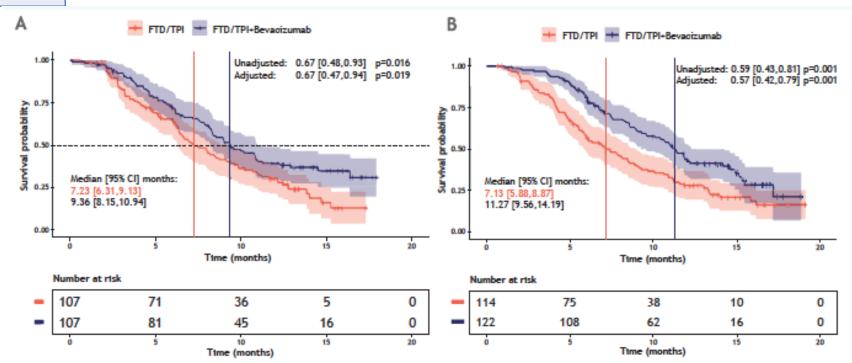
#### TAS 102 + BEVACIZUMAB: SG por estado mutacional KRAS G12

44% de los pacientes tenían mutación en KRAS (la mayoría en codón G12)

| RAS subgroup   | C     | OS   |
|----------------|-------|------|
|                | T+B   | Т    |
| KRAS G12 mt    | 9.36  | 7.23 |
| No mt KRAS G12 | 11.27 | 7.13 |

KRAS G12 mt

No KRAS G12 mt



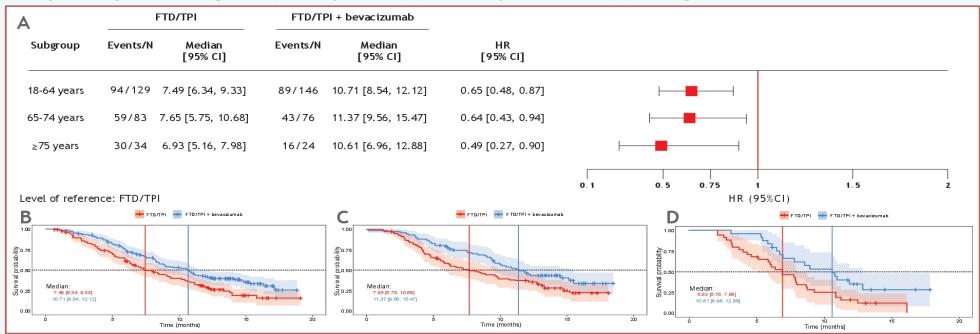
Conclusión: El beneficio de TAS 102 + beva vs TAS 102 es independiente del estado de KRAS G12



#### TAS 102 + BEVACIZUMAB: Eficacia por subgrupos de edad

| Age subgroup     | Time to ECOG w |     | PFS |     | OS   |     |
|------------------|----------------|-----|-----|-----|------|-----|
|                  | T+B            | Т   | T+B | T   | T+B  | Т   |
| 18-64 y          | 8.6            | 6.3 | 5.3 | 2.1 | 10.7 | 7.5 |
| 65-74 y          | 10.1           | 6.2 | 5.8 | 2.9 | 11.4 | 7.6 |
| <u>&gt;</u> 75 y | 8.6            | 6.0 | 5.0 | 3.3 | 10.6 | 6.9 |

Figure 1: Subgroup analysis of OS: (A) forest plot according to age group, and Kaplan-Meier analysis in patients aged (B) <65 years, (C) 65-74 years, and (D) ≥75 years

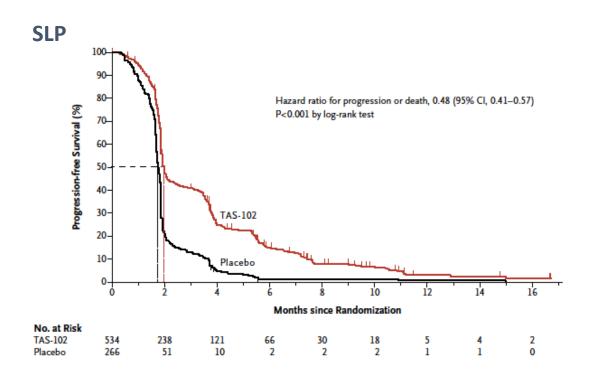


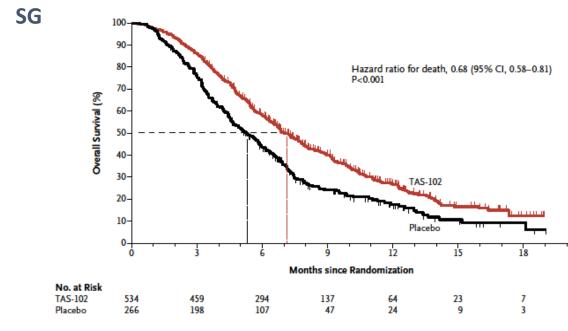
Conclusión: El beneficio de TAS 102 + beva (tiempo a deterioro del ECOG, SLP y SG) vs TAS 102 es independiente de la edad

## THE NEW TOOLS OF STREET, A STREET, A

## TAS 102 en monoterapia: Fase III RECOURSE

N = 800, randomización 2:1 a TAS 102 vs placebo

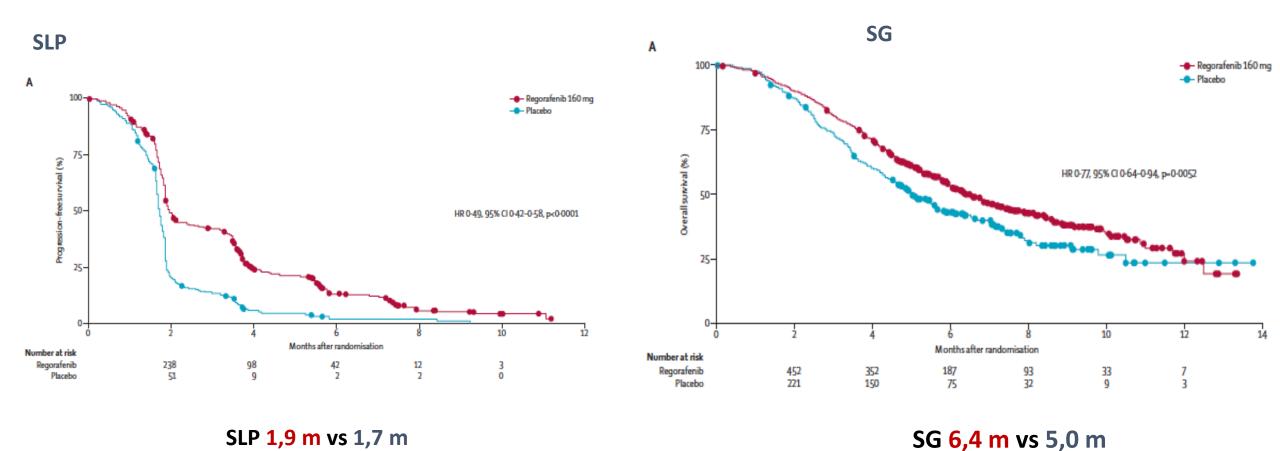




SLP: 2,0 m vs 1,7 m HR 0,48; p<0,001 SG: **7,1** m vs 5,3 m HR 0,68; p<0,001

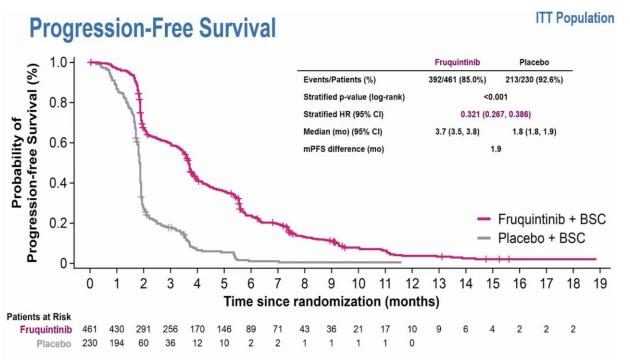
## Regorafenib en monoterapia: Fase III CORRECT

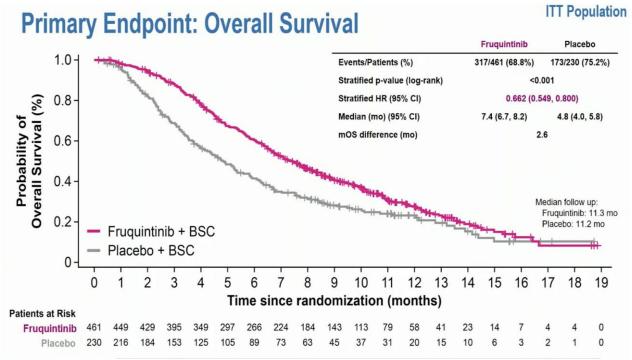
TKI multiquinasa con actividad antiangiogénica, antitumoral y antiestromal



## Fruquintinib en monoterapia: Fase III FRESCO-2

#### TKI con actividad antiangiogénica

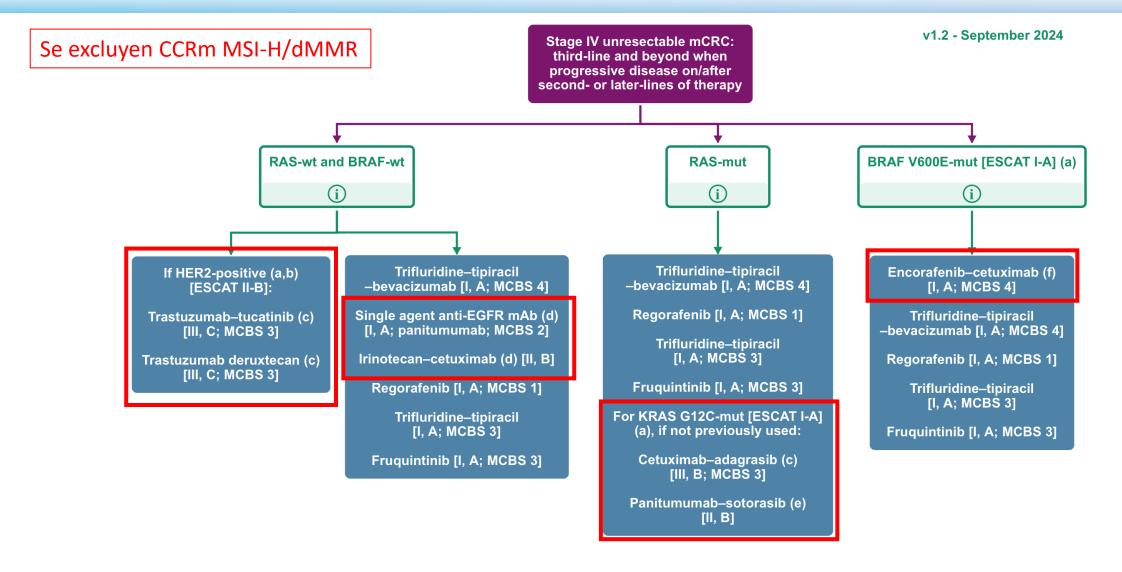




SG 7.4 vs 4.8 meses

SLP 3.7 vs 1.8 meses

## ESMO Metastatic Colorectal Cancer Living Guidelines 2024: 3º línea y sucesivas según subtipo molecular



## Ensayos clínicos fase III en 1º línea (MSS)

RAS wt y HER2+

**Mountaineer-03** 

mCRC RAS wt HER2+
No tto previo
n= 400

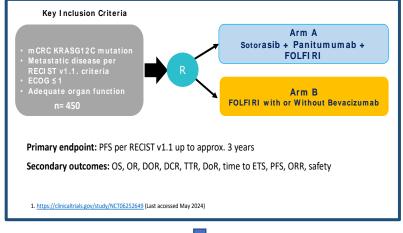
mFOLFOX6 + tucatinib + trastuzumab

mFOLFOX6 + bevacizumab o cetuximab

Objetivo principal: SLP
Objetivos secundarios: SG, ORR, DOR, seguridad, QOL

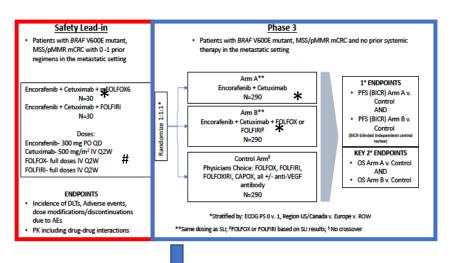
KRAS G12C mt

CodeBreak 301



BRAF v600E

Breakwater





Definirán la eficacia de terapia dirigida en combinación con QT vs el tratamiento estándar en 1ª L



Posible secuenciación de tratamiento de 2º L y siguientes por perfil molecular



## Tratamiento no sistémico de > 3ª línea

## Trasplante hepático: TransMet

Liver transplantation plus chemotherapy versus chemotherapy alone in patients with permanently unresectable colorectal liver metastases (TransMet): results from a multicentre, open-label, prospective, randomised controlled trial

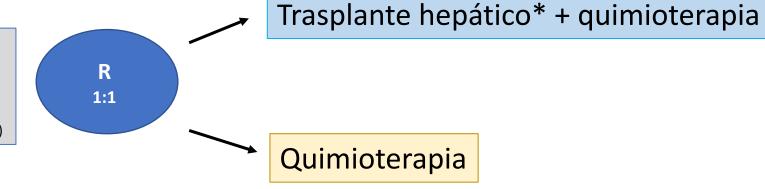
Adam, Cum Herbockin, Louisens Chans, Jean-Franjape Adam, Epitem Saudam, Petru Budos, Joanac, Fetragu, Limeri Scatton, Victore Gariga de Dourac, Umberd (Gill Franjas) Gaudy), Jean-Yew Mathur, Chiff Werlippe, Lavent Cookeau, Jean Herbudgsen, Emmandel Boleslawski, Lee Museux, Heithern Jeddou, Denis Petr, Emmelheyd Valerio Locidi, Karen Geboes, Jan Leust, Pietro Majno, Lamise Griendal, Francis Levi Le Jeans, Massillania Gelli on behalf of the Collaborate Prambeller group?

Lancet 2024; 404; 1107-18

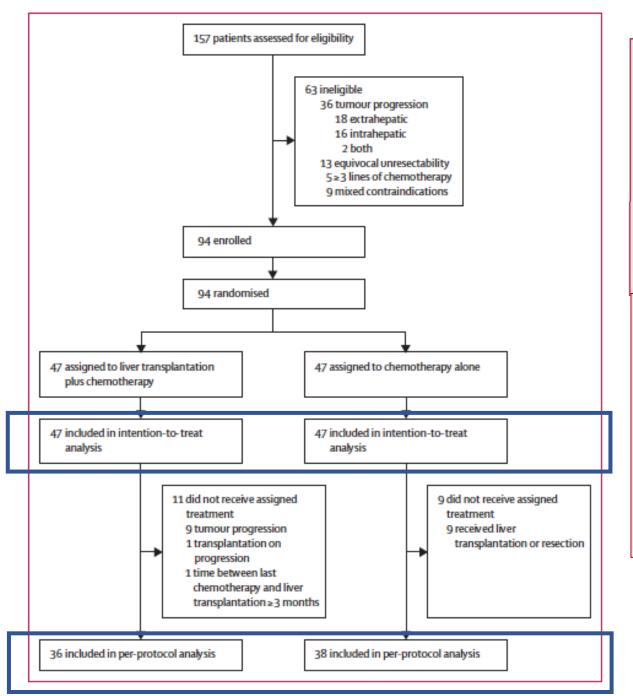
Estudio multicéntrico, abierto, prospectivo, aleatorizado y controlado realizado en 20 hospitales terciarios de Europa

#### Criterios de inclusión

- Edad 18-65 años
- ECOG 0-1
- Mts hepáticas irresecables, sin enfermedad extrahepática
- CCRm no BRAF mutado
- Respuesta a quimioterapia sistémica (≥ 3 meses; ≤ 3 líneas)

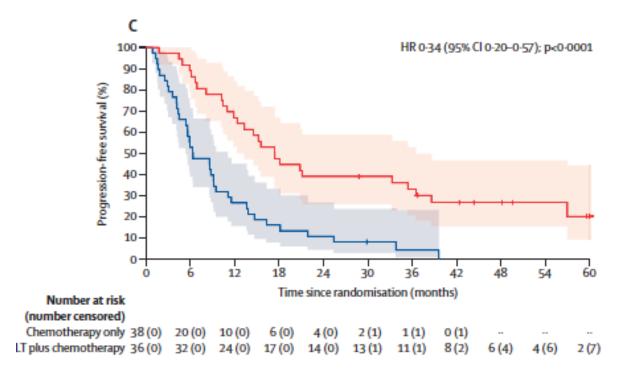


Objetivo principal: SG a 5 años en población ITT y población por protocolo



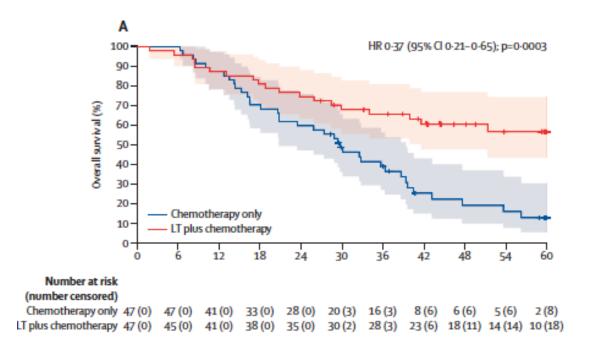
|  | Liver transplantation plus<br>chemotherapy (n=47) | Chemotherapy alone (n=47) |
|--|---|---------------------------|
| Primary tumour   |   | Lancet 2024; 404; 1107    |
| Primary tumour site*                                   |   |                           |
| Right  | 7 (15%)   | 7 (15%)                   |
| Left   | 25 (53%)  | 29 (62%)                  |
| Rectum   | 15 (32%)  | 11 (23%)                  |
| RAS mutation status                                    |   |                           |
| Yes  | 17 (36%)  | 13 (28%)                  |
| No   | 29 (62%)  | 32 (69%)                  |
| Missing  | 1 (2%)  | 2 (4%)                    |
| Liver metastases at diagnosis                          |   |                           |
| Timing of metastases                                   |   |                           |
| Synchronous†   | 47 (100%)   | 45 (96%)                  |
| Metachronous   | 0   | 2 (4%)                    |
| Number of colorectal liver metastases                  | 20-0 (14-0-25-0)                                  | 20-0 (12-0-25-0)          |
| <10  | 5 (11%)   | 7 (15%)                   |
| 10-20  | 19 (40%)  | 18 (38%)                  |
| >20  | 23 (49%)  | 22 (47%)                  |
| Diameter of largest colorectal liver<br>metastases, mm | 55-0 (43-0-76-0)                                  | 50-0 (27-0-83-0)          |
| CEA level, ng/mL                                       | 305-0 (32-9-762-0)                                | 81-0 (20-0, 530-0)        |
| CA19-9 level, UI/mL                                    | 96-0 (19-7-800-0)                                 | 193-0 (20-9-1949-0)       |

## Estudio TransMet: SLP por protocolo

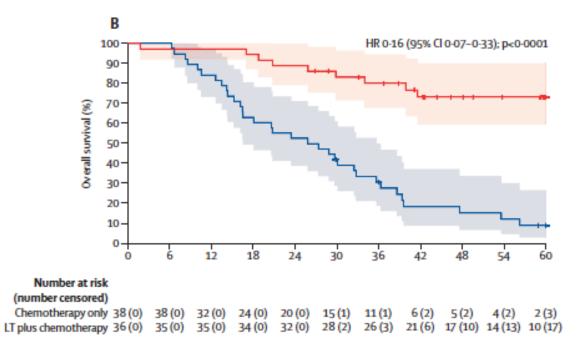


|              | Trasplante + QT | QΤ    | HR<br>(IC95%)          | р       |
|--------------|-----------------|-------|------------------------|---------|
| Población PP |                 |       |                        |         |
| SLPm         | 17.4 m          | 6.4 m |                        |         |
| SLP 5 años   | 19.9%           | 0%    | HR 0.34<br>(0.20-0.57) | <0.0001 |
| SLP 3 años   | 32.9%           | 3.9%  |                        |         |

#### SG población por intención de tratar



### SG población por protocolo



|               | Trasplante + QT | QT     | HR<br>(IC95%)          | р       |
|---------------|-----------------|--------|------------------------|---------|
| Población ITT |                 |        |                        |         |
| SGm           | No alcanzada    | 29.7 m |                        |         |
| SG 5 años     | 56.6%           | 12.6%  | HR 0.37<br>(0.21-0.65) | 0.0003  |
| SG 3 años     | 65.5%           | 38.9%  |                        |         |
| Población PP  |                 |        |                        |         |
| SGm           | No alcanzada    | 26.6 m |                        |         |
| SG 5 años     | 73.2%           | 9.3%   | HR 0.16<br>(0.07-0.33) | <0.0001 |

Seguimiento mediano de población ITT: 59.3 meses

Adam R et al. Lancet 2024; 404:1107-1118





#### **PROYECTO**

Trasplante hepático en pacientes con metástasis hepáticas de carcinoma colorrectal irresecables (TRASMETIR)

Estudio piloto prospectivo abierto, sin rama control N= 30

Objetivos: - Principal: SG a 5 años del trasplante

- Secundarios: - SLE 1, 3 y 5 años

- Identificación de factores pronósticos

- QOL ...

#### Principales criterios de inclusión

- $\ge 18$  años y  $\le 65$  años
- ECOG 0-1
- Tumor primario resecado
- Mts hepáticas irresecables (Comité de evaluación)
- Respuesta RECIST ≥ 10% a ≤ 2 líneas de QT

### Principales criterios de exclusión

- BRAF mt
- Enfermedad extrahepática
- CEA < 80

### Conclusiones

- En > 3ª L de CCRm MSS, existen distintas opciones de tratamiento sistémico que no son excluyentes:
  - Sin selección molecular: TAS 102 + bevacizumab, TAS 102, regorafenib, fruquintinib, retratamiento...
  - Con selección molecular: RAS wt, BRAF v600E mt, KRAS G12C mt, HER2+
- Es imprescindible conocer el perfil molecular del CCRm y la biopsia líquida es una herramienta muy útil para su estudio dinámico
- El trasplante hepático está surgiendo como una estrategia terapéutica para pacientes muy seleccionados