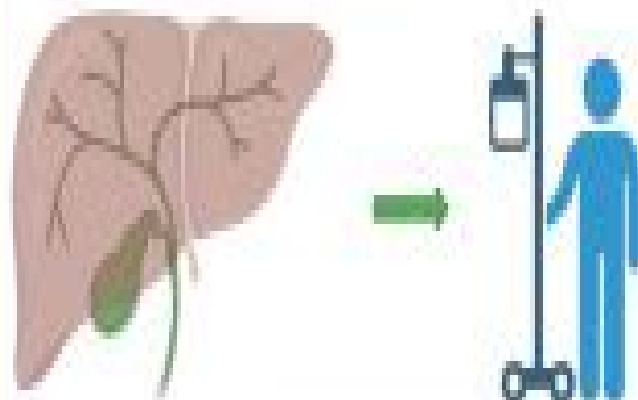
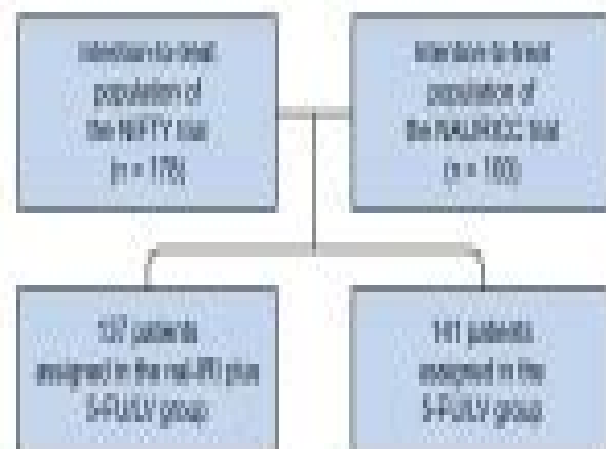


BTC progressed
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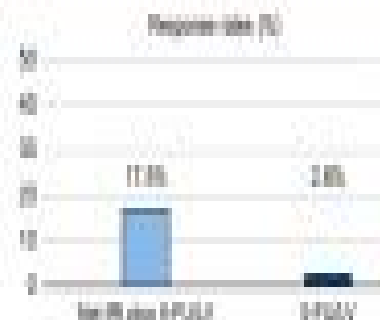
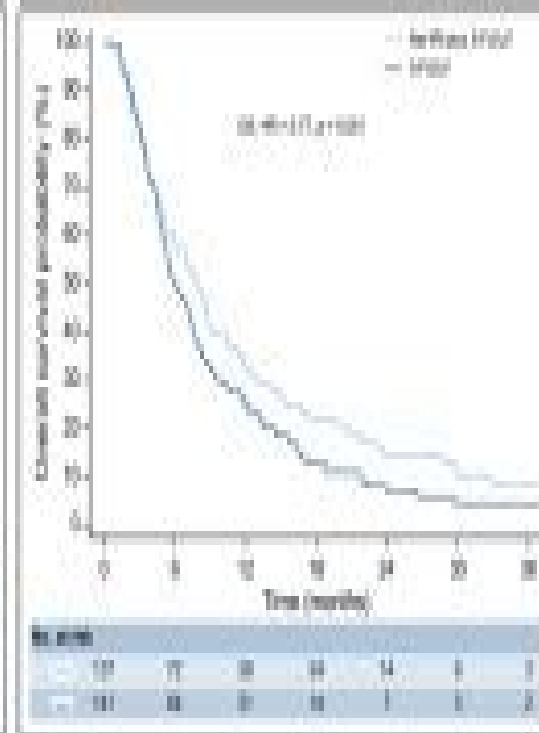
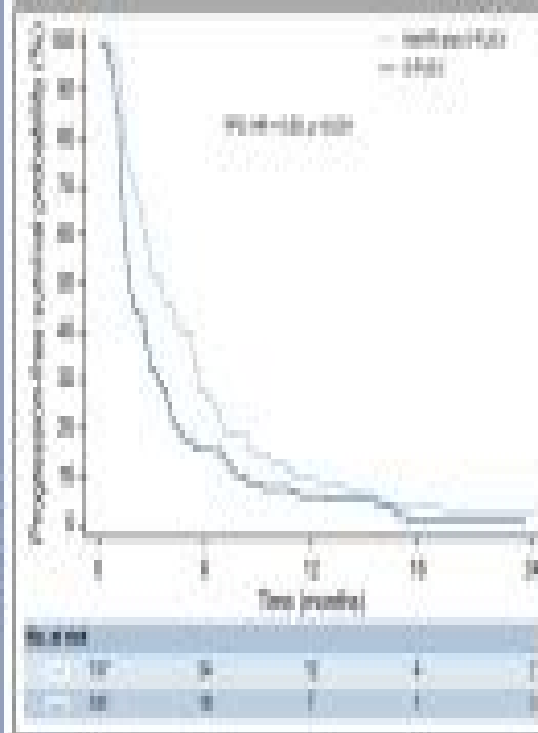


Nai-IRi plus 5-FU/LV vs. 5-FU/LV

- Korean phase 2 NIFTY trial
- German phase 2 NAI-IRICC trial



Results



- Adverse events varied by ethnicity, with gastrointestinal toxicities more common in Germans and neutropenia more prevalent in Koreans

Conclusions

- Additional Nai-IRi to 5-FU/LV significantly improved PFS and ORR in patients who progressed after gemtabine-based therapy
- This highlights its potential as subsequent lines of treatment in BTC
- Further randomized trials are necessary to validate these findings and better define the role of Nai-IRi in the treatment landscape for patients with advanced BTC

Progreb In Hepatology 93

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features sizes 4 ½ 16 enhanced internal flow low hoop stresses on coupling thanks to tighter thread tolerances 20 bevel for smooth horizontal installation enhanced structural capacity same as pipe body

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api buttress btc connections are available in pipe sizes 4 1 2 through 20 figure 1 2 btc connections larger than 13 3 8 od can be subject to cross threading extreme care in the field can ensure the proper make up of the larger sizes the shear resistant large thread cross section and easy running characteristics of btc make it

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the btc thread has higher joint and bending strengths than ltc or stc as a result this thread is often used in deeper wells where higher hook loads are experienced thread compound must also be used to obtain a seal with btc btc is also run in horizontal wells where doglegs can cause high bending loads on larger casings

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1 to avoid cross threading stab pipe in a smooth controlled fashion ensuring the pipe is vertical when doing so continue to support and stabilise the pipe throughout the stabbing and make up operation 2 upon commencement of initial rotation use low rpm 5 rpm or below in order to ensure the pipe has not cross threaded during stabbing 3

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btc has a square thread with a flat root and crest a runout design and five buttress threads per inch each thread type is suited for a specific well condition stc is a good choice for shorter length casing applications that do not involve high axial loads or bending

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the two steps are identified as 1 the 75 percent shoulder width method 2 the mismatched outside diameter method the two methods are fully described in annex i 6 2 3 other considerations table 3 table a 3 have bevel diameters that cover a range from a suggested minimum od to a maximum od the tables also contain a reference id

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api compatibility the connection s buttress thread profile makes it fully compatible with standard api buttress connections by being api compatible in both pin and box operators can use standard api accessories and draw on a wide range of threading and repair shops providing flexibility and efficiency

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inspection inspection criteria for all api connections is as outlined in api rp 5a5 ensure the complete thread area has no tears gouges or raised metal black crested threads within the complete thread area must not exceed 25 of the circumference of two 2 threads complete thread length is indicated in api rp 5b1

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api couplings and threads must comply with c 32 and c 33 or e 32 and e 33 below are two common api coupling dimensions btc for casing and eue for tubing api buttruss casing couplings dimensions btc casing coupling api external upset tubing coupling dimensions eue tubing coupling other requirements in api 5ct standard 1 appearance quality

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