

# CONTESSA: A Multinational, Multicenter, Randomized, Phase 3 Registration Study of TeseTaxel in Patients (Pts) with HER2-, Hormone Receptor + (HR+) Locally Advanced or Metastatic Breast Cancer (MBC)

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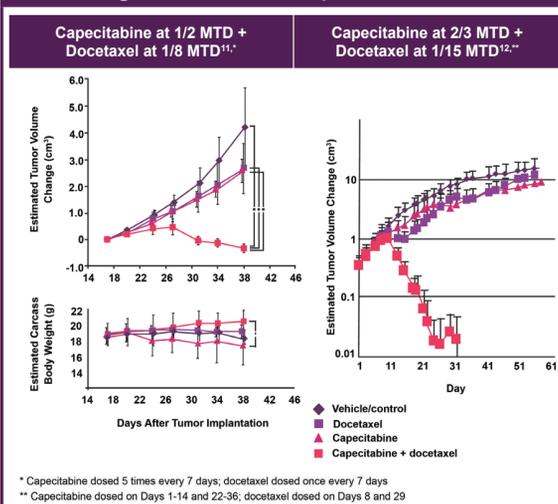
## Background

- Chemotherapy regimens for patients with MBC that offer robust efficacy while preserving patient quality of life are needed
- TeseTaxel is a novel taxane that is taken orally Q3W with a low pill burden, no history of hypersensitivity reactions and improved activity against chemotherapy-resistant tumors<sup>1,2</sup>
- TeseTaxel's improved pharmacologic properties include: (1) high oral bioavailability; (2) high solubility; and (3) a long (~8-day) half-life (Table 1 and Figure 1)



- Preclinical and clinical studies support the effectiveness of a reduced dose of capecitabine when combined with a taxane; taxanes potentiate capecitabine's antitumor activity by up-regulating tumor levels of thymidine phosphorylase, the enzyme essential for the activation of capecitabine<sup>10,11</sup> (Figure 3)

Figure 3: Preclinical Evidence of Synergy when Combining a Taxane with Capecitabine



- In a Phase 1 study, teseTaxel plus a reduced dose of capecitabine was generally well tolerated with minimal overlapping toxicity (Grade ≥3 neuropathy was 6%; Grade ≥3 hand-foot syndrome was 6%; Grade ≥3 diarrhea was 6%; no Grade 2 alopecia; and no hypersensitivity reactions)

## CONTESSA Study Hypothesis and Objective

Figure 4: Study Hypothesis and Objective

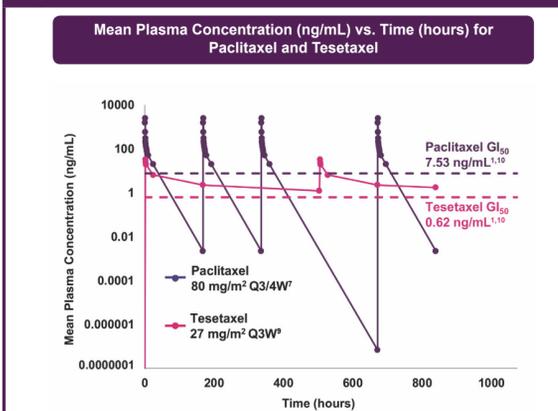


Table 1: TeseTaxel's Unique Pharmacologic Properties

Molecule	Paclitaxel	Docetaxel	TeseTaxel
Structure			
Substantially effluxed* by P-gp pump**	Yes	Yes	No
Oral bioavailability in preclinical studies	8% <sup>3</sup>	18% <sup>4</sup>	56%
Solubility (µg/mL)**	0.3 <sup>5</sup>	0.5 <sup>6</sup>	41,600
Terminal half-life in humans	11 hours <sup>7</sup>	11 hours <sup>8</sup>	193 hours

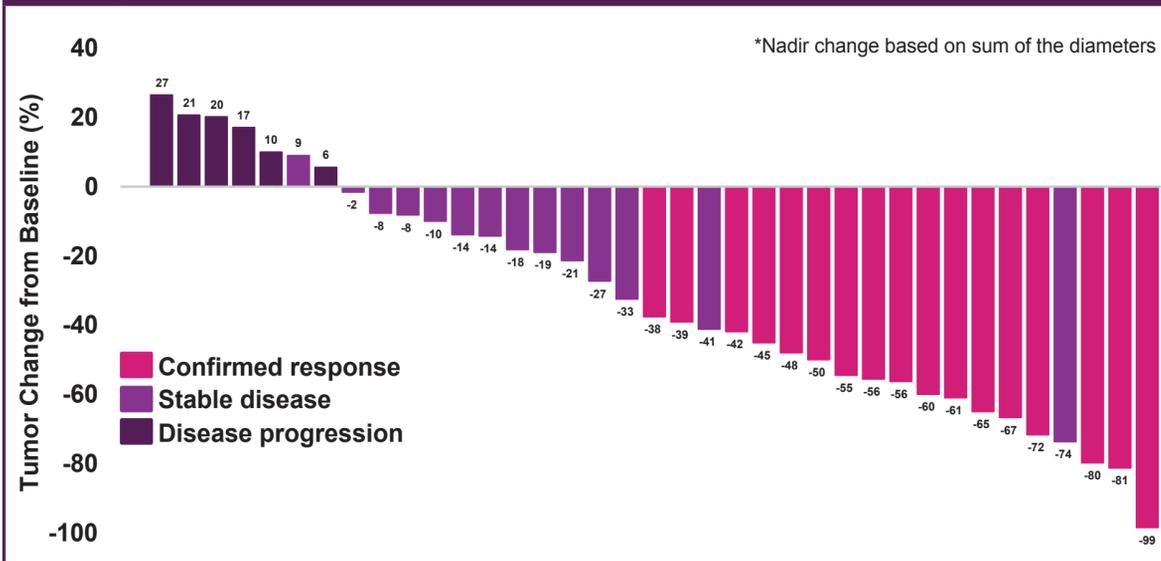
\*At therapeutic concentrations  
\*\*The P-glycoprotein (P-gp) efflux pump mediates gastric absorption as well as chemotherapy resistance  
\*\*\*At pH conditions similar to gastric fluid

Figure 1: PK Profiles of Paclitaxel and TeseTaxel



- 559 patients have been treated with teseTaxel in prior clinical studies (496 monotherapy; 63 in combination with capecitabine)
- In a multicenter, Phase 2 study, HER2 negative, HR positive MBC patients receiving teseTaxel as a single agent achieved a confirmed response rate of 45% (44% in patients with no prior taxane exposure and 45% in patients with prior taxane exposure) with a low incidence of Grade ≥3 neuropathy and Grade 2 alopecia (2018 ASCO Annual Meeting Poster Board #123, Abstract 1042) (Figure 2)

Figure 2: Study TOB203 Tumor Change from Baseline in Target Lesions for HR Positive Patients Receiving TeseTaxel Q3W\*



## CONTESSA

### Study Design

- CONTESSA is a multinational, multicenter, randomized, Phase 3 registration study of teseTaxel plus a reduced dose of capecitabine vs. the approved dose of capecitabine alone in patients with HER2 negative, HR positive MBC (NCT03326674) (Figure 5)
- Key eligibility criteria are outlined in Table 2
- Eligible patients are stratified according to:
  - Disease status (presence vs. absence of visceral disease)
  - Geographic region (North America/Western Europe vs. Rest of World)
  - Number of prior chemotherapy regimens for advanced disease (0 vs. 1)
- TeseTaxel and capecitabine dose reductions will be made in consideration of the known toxicity profile of each drug
- Capecitabine monotherapy arm dose reductions
  - Capecitabine monotherapy arm to start at the FDA-approved dose
  - Capecitabine dose reductions due to occurrence of adverse events should follow capecitabine prescribing information
- Patients will be treated until documentation of progressive disease, evidence of unacceptable toxicity or other decision to discontinue treatment
- Patient-reported outcomes (PROs), as measured by the European Organisation for Research and Treatment of Cancer Quality of Life Questionnaire-C30 (EORTC QLQ-C30), are additional endpoints
- Safety endpoints include adverse events, including deaths and other serious adverse events, and clinical laboratory abnormalities
- An Independent Data Monitoring Committee (IDMC) will periodically perform safety analyses; the IDMC will also perform an interim PFS utility analysis (after 100 PFS events)

Figure 5: Study Design

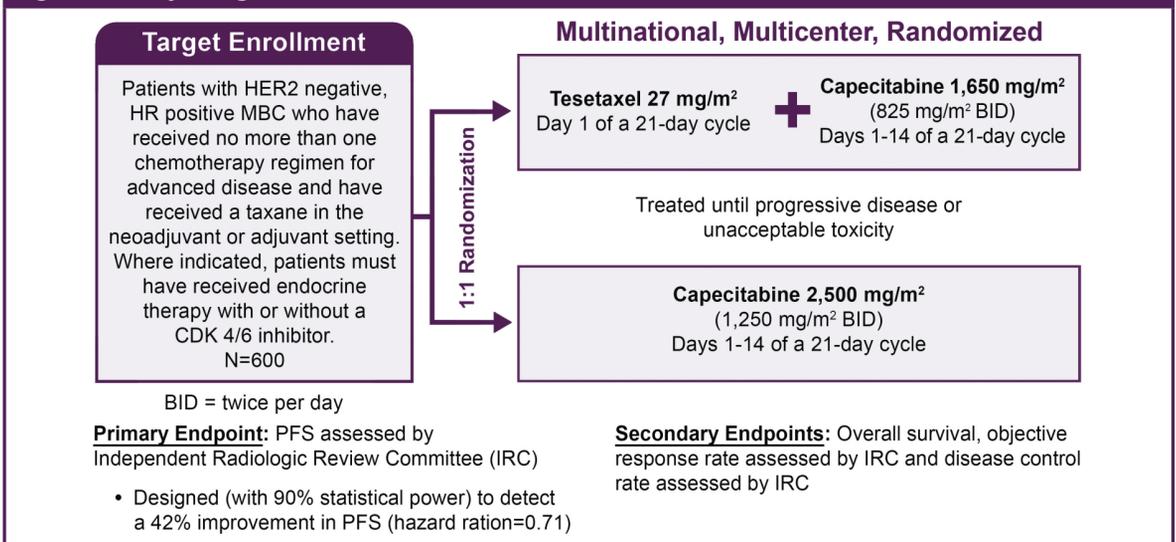


Table 2: Key Eligibility Criteria\*

Key Inclusion Criteria	Key Exclusion Criteria
<ol style="list-style-type: none"> <li>Have HER2 negative and ER or PR positive (≥1% ER positive or PR positive) locally advanced or metastatic breast cancer</li> <li>Received a taxane in the neoadjuvant or adjuvant setting</li> <li>Received any number of endocrine therapies (e.g., 0, 1, 2, 3+)</li> <li>Received any number of targeted therapies (e.g., palbociclib, everolimus) with endocrine therapy (e.g., 0, 1, 2, 3+)</li> <li>For locally advanced or metastatic breast cancer, received:                             <ul style="list-style-type: none"> <li>No prior chemotherapy; or</li> <li>One prior non-taxane, non-capecitabine chemotherapy (e.g., gemcitabine, doxorubicin)</li> </ul> </li> </ol>	<ol style="list-style-type: none"> <li>Have HER2 positive or triple-negative breast cancer</li> <li>Did not receive a taxane in the neoadjuvant or adjuvant setting</li> <li>Have <i>de novo</i> locally advanced or metastatic breast cancer</li> <li>Previously received a taxane for locally advanced or metastatic breast cancer</li> <li>Previously received capecitabine</li> </ol>

\*All patients must meet full eligibility criteria as stipulated in the Study ODO-TE-B301 Protocol

## Study Highlights

- Chemotherapy regimens for patients with MBC that offer robust efficacy while preserving patient quality of life are needed
- TeseTaxel is a novel taxane that is taken orally Q3W with a low pill burden, no history of hypersensitivity reactions and improved activity against chemotherapy-resistant tumors
- In a multicenter, Phase 2 study, HER2 negative, HR positive MBC patients receiving teseTaxel as a single agent achieved a confirmed response rate of 45% with a low incidence of Grade ≥3 neuropathy and Grade 2 alopecia
- CONTESSA is a multinational, multicenter, randomized, Phase 3 registration study of teseTaxel plus a reduced dose of capecitabine vs. the approved dose of capecitabine alone in patients with HER2 negative, HR positive MBC
- Study enrollment was initiated in December 2017, with planned enrollment of approximately 600 patients across 20 countries
- The primary efficacy endpoint is PFS assessed by IRC

## References

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