

**From:** test@unify.com  
**To:** Melissa Loff <melissa.loff@meltmedia.com>  
**Subject:** Proven survival benefit for your HER2+ MBC patients  
**Alt 1:** Significant clinical benefit for your HER2+ MBC patients

Dear [Healthcare Provider Name]:

[Customize the text in this paragraph with your own message to the Healthcare Provider. Based on Regulatory requirements, you may only include a 500-character message with the preformatted HTML e-mail. This includes the signature.]

[Signature]

**KADCYLA demonstrated clinical benefits in patients with HER2+ MBC**

## Proven survival benefit<sup>1</sup>



### Indication

KADCYLA<sup>®</sup> (ado-trastuzumab emtansine), as a single agent, is indicated for the treatment of patients with HER2-positive (HER2+), metastatic breast cancer (MBC) who previously received trastuzumab and a taxane, separately or in combination. Patients should have either:

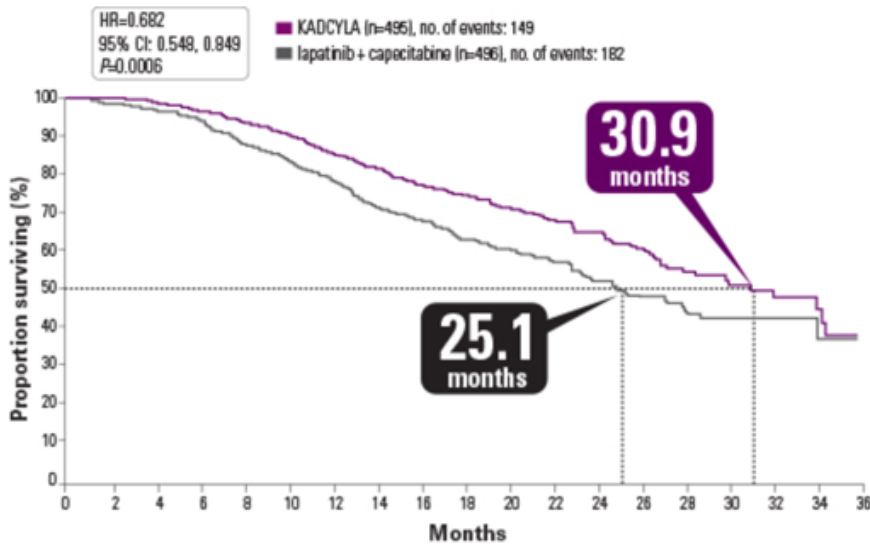
- Received prior therapy for metastatic disease, or
- Developed disease recurrence during or within six months of completing adjuvant therapy

**KADCYLA** is the first HER2-targeted antibody-drug conjugate for HER2+ metastatic breast cancer.

In the Phase III EMILIA trial of KADCYLA vs the combination of lapatinib + capecitabine, KADCYLA extended median overall survival (OS) and significantly improved median progression-free survival (PFS).

**KADCYLA extended median OS by nearly 6 months<sup>1</sup>**

**PRIMARY ENDPOINT: OVERALL SURVIVAL (OS)**



KADCYLA																			
Months	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36
No. at risk	495	485	474	457	439	418	349	293	242	197	164	136	111	86	62	38	28	13	5

lapatinib + capecitabine																			
Months	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36
No. at risk	496	471	453	435	403	368	297	240	204	159	133	110	86	63	45	27	17	7	4

Results of the randomized, open-label, Phase III EMILIA trial of KADCYLA (3.6 mg/kg IV, Day 1) vs the combination of lapatinib (1250 mg/day oral, once daily) and capecitabine (1000 mg/m<sup>2</sup>, oral, twice daily, Days 1-14) in 21-day cycles until disease progression in HER2+ MBC patients previously treated with trastuzumab and a taxane. Primary endpoints were OS, progression-free survival (PFS), and safety.<sup>1,2</sup>

**50% improvement in median PFS by independent review<sup>1</sup>**

- 9.6 months median PFS with KADCYLA vs 6.4 months with lapatinib + capecitabine; P<0.0001

**Boxed WARNINGS: HEPATOTOXICITY, CARDIAC TOXICITY, EMBRYO-FETAL TOXICITY**

- Do not substitute KADCYLA for or with trastuzumab
- Hepatotoxicity: Serious hepatotoxicity has been reported, including liver failure and death in patients treated with KADCYLA. Monitor serum transaminases and bilirubin prior to initiation of KADCYLA treatment and prior to each KADCYLA dose. Reduce dose or discontinue KADCYLA as appropriate in cases of increased serum transaminases or total bilirubin
- Cardiac toxicity: KADCYLA administration may lead to reductions in left ventricular ejection fraction (LVEF). Evaluate left ventricular function in all patients prior to and during treatment with KADCYLA. Withhold treatment for clinically significant decrease in left ventricular function
- Embryo-fetal toxicity: Exposure to KADCYLA can result in embryo-fetal death or birth defects. Advise patients of these risks and the need for effective contraception

For more information about these and other EMILIA trial endpoints, visit [KADCYLA.com](http://KADCYLA.com).



### Important Safety Information

#### Additional Important Safety Information

##### Left Ventricular Dysfunction (LVD)

- Patients treated with KADCYLA are at increased risk of developing LVD. In EMILIA, LVD occurred in 1.8% of patients in the KADCYLA-treated group and in 3.3% in the comparator group. Permanently discontinue KADCYLA if LVEF has not improved or has declined further

##### Pregnancy Registry

- Advise patients to contact their healthcare provider immediately if they suspect they may be pregnant. Encourage women who may be exposed to KADCYLA during pregnancy to enroll in the MoTHER Pregnancy Registry by contacting 1-800-690-6720

##### Pulmonary Toxicity

- Cases of interstitial lung disease (ILD), including pneumonitis, some leading to acute respiratory distress syndrome or fatal outcome, have been reported in clinical trials with KADCYLA. In EMILIA, the overall frequency of pneumonitis was 1.2%
- Treatment with KADCYLA should be permanently discontinued in patients diagnosed with ILD or pneumonitis

##### Infusion-Related Reactions, Hypersensitivity Reactions

- Treatment with KADCYLA has not been studied in patients who had trastuzumab permanently discontinued due to infusion-related reactions (IRR) and/or hypersensitivity reactions; treatment with KADCYLA is not recommended for these patients. In EMILIA, the overall frequency of IRRs in patients treated with KADCYLA was 1.4%
- KADCYLA treatment should be interrupted in patients with severe IRRs and permanently discontinued in the event of a life-threatening IRR. Patients should be closely monitored for IRRs, especially during the first infusion

##### Hemorrhage

- Hemorrhagic events, sometimes fatal, have been reported in clinical trials. In EMILIA, the incidence of  $\geq$  Grade 3 hemorrhage was 1.8% in the KADCYLA-treated group and 0.8% in the comparator group (overall incidence 32.2% and 16.4%, respectively)
- In some of the observed cases the patients were also receiving anticoagulation therapy or antiplatelet therapy, or had thrombocytopenia; in others, there were no known additional risk factors. Use caution with these agents and consider additional monitoring when concomitant use is medically necessary

##### Thrombocytopenia

- In EMILIA, the incidence of  $\geq$  Grade 3 thrombocytopenia was 14.5% in the KADCYLA-treated group and 0.4% in the comparator group (overall incidence 31.2% and 3.3%, respectively)
- Monitor platelet counts prior to initiation of KADCYLA and prior to each KADCYLA dose. Institute dose modifications as appropriate

##### Neurotoxicity

- In EMILIA, the incidence of  $\geq$  Grade 3 peripheral neuropathy was 2.2% in the KADCYLA-treated group and 0.2% in the comparator group (overall incidence 21.2% and 13.5%, respectively)

Monitor for symptoms of toxicity from both KADCYLA and trastuzumab. Discontinue

**HER2 Testing**

- Detection of HER2 protein overexpression or gene amplification is necessary for selection of patients appropriate for KADCYLA. Perform using FDA-approved tests by laboratories with demonstrated proficiency

**Extravasation**

- In KADCYLA clinical studies, reactions secondary to extravasation have been observed and were generally mild. The infusion site should be closely monitored for possible subcutaneous infiltration during drug administration. Specific treatment for KADCYLA extravasation is unknown

**Nursing Mothers**

- Discontinue nursing or discontinue KADCYLA, taking into consideration the importance of the drug to the mother

**Adverse Reactions**

- The most common (frequency >25%) adverse drug reactions (ADR) across clinical trials with KADCYLA were nausea, fatigue, musculoskeletal pain, hemorrhage, thrombocytopenia, increased transaminases, headache, constipation, and epistaxis. In EMILIA, the most common NCI-CTCAE (version 3)  $\geq$  Grade 3 ADRs (frequency >2%) were thrombocytopenia, increased transaminases, anemia, hypokalemia, peripheral neuropathy, and fatigue

You are encouraged to report side effects to Genentech and the FDA. You may contact Genentech by calling 1-888-835-2555. You may contact the FDA by visiting [www.fda.gov/medwatch](http://www.fda.gov/medwatch) or calling 1-800-FDA-1088.

**Please download the full [Prescribing Information](#) for additional important safety information, including **Boxed WARNINGS**.**

For more information on KADCYLA, visit [KADCYLA.com](http://KADCYLA.com).

**References:** 1. KADCYLA Prescribing Information. Genentech, Inc. July 2014. 2. Verma S, Miles D, Gianni L, et al; EMILIA Study Group. Trastuzumab emtansine for HER2-positive advanced breast cancer [published correction appears in *N Engl J Med*. 2013;368:2442]. *N Engl J Med*. 2012;367:1783-1791 and Supplementary Appendix.

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