Prof. Dr. dr. Dedy Hermansyah, Sp.B. Subsp.Onk(K)

Dosen Program Studi S2 Ilmu Kedokteran Klinis
Fakultas Kedokteran
Universitas Sumatera Utara

dedi.hermansyah@usu.ac.id

fk.usu.ac.id/id/dosen/dedy-hermansyah

Prof. Dr. dr. Dedy Hermansyah, Sp.B, Subsp.Onk(K) merupakan pakar bedah onkologi terkemuka sekaligus Guru Besar Tetap di Bidang Ilmu Bedah Fakultas Kedokteran Universitas Sumatera Utara (FK USU). Ia dikukuhkan sebagai Guru Besar Tetap di Universitas Sumatera Utara pada Oktober 2023 dan memiliki kualifikasi sebagai Spesialis Bedah (Sp.B) dengan subspesialisasi Konsultan Bedah Onkologi (Subsp.Onk(K)). Dalam bidang akademik, ia aktif menjalankan peran sebagai pendidik dan peneliti, serta dipercaya sebagai peneliti utama yang berhasil meraih pendanaan Riset Kolaborasi Indonesia (RKI) tahun 2025. Keahlian klinisnya berfokus pada penanganan berbagai kasus keganasan, khususnya kanker payudara, kanker kepala dan leher, serta tindakan bedah tumor lainnya. Selain aktivitas akademik dan penelitian, ia juga aktif melayani pasien di sejumlah fasilitas kesehatan di Kota Medan, di antaranya RS Columbia Asia Medan, RS Mitra Medika Premiere, dan Rumah Sakit Universitas Sumatera Utara (RS USU).

Publications

2026
Jurnal internasional bereputasi

CDK4/6 Inhibitors in the Management of Hormone Receptor-Positive (HR +)/Human Epidermal Growth Factor Receptor 2-Negative (HER2 −) Advanced Breast Cancer in Indonesia: Challenges, Opportunities, and Recommendations

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2026
Jurnal internasional bereputasi

Integrated Transcriptomic Analysis Identifies Overlapping Gene Networks Between Breast Cancer Stem Cells and Paclitaxel-Primed Mesenchymal Stem Cell-Activated T Cells as Potential Immunotherapeutic Targets

Yan Wisnu Prajoko , TRI WIDIANDANI , NUR DINA AMALINA , DEDY HERMANSYAH

2026
Jurnal nasional terakreditasi

Association Between Cancer Type and Glim-Defined Malnutrition In Patients Undergoing Chemotherapy: A Cross-Sectional Study

FITRIYANI NASUTION , DEDY HERMANSYAH , CUT ADEYA ADELLA , DINA KEUMALA SARI

2025
Jurnal internasional bereputasi

Iatrogenic urothelial malignancy subsequent to adjuvant chemotherapy in breast oncology: A case report and brief review of the literature

SYAH MIRSYA WARLI , DEDY HERMANSYAH , CAUSA TRISNA MARIEDINA , GINANDA PUTRA SIREGAR , DHIRAJAYA DHARMA KADAR , FAURISKI FEBRIAN PRAPISKA , MUTIARA INDAH SARI , DEWI INDAH SARI SIREGAR , ZAIMAH Z TALA , Ryan Ramon

2025
Jurnal internasional bereputasi

Intercontinental Comparison of Immunohistochemical Subtypes Among Individuals With Breast Cancer in South-East Asia and South America: A Scoping Systematic Review and MetaÂ ...

DEDY HERMANSYAH , SYAH MIRSYA WARLI , CAUSA TRISNA MARIEDINA , GINANDA PUTRA SIREGAR , DHIRAJAYA DHARMA KADAR

2025
Buku lainnya

PATOLOGI KLINIK DAN FARMAKOLOGI KLINIK

DEDY HERMANSYAH

2025
Poster seminar internasional

Comparison Of Neoadjuvant Antracycline-Based Chemotherapy Plus Calcium And Vitamin D To Neoadjuvant Antracycline-Based Chemotherapy Alone On Caspase-9 Expression In LABC Luminal B

NUR QODIR , LEGIRAN , DR. H.M. IRSAN SALEH , ZEN HAFY , RAMZI AMIN , DIDIT PRAMUDHITO , DEDY HERMANSYAH , BIMA INDRA , MUHAMMAD BAHARUL IMAN , FARA SYAFIRA , PUTRI MAHIRAH AFLADHANTI , RAEHAN SATYA DEANASA

2025
Buku lainnya

SITOPATOLOGI

BESSE HARDIANTI , NANA LIANA , ANNA LEWI SANTOSO , DESY ANDARI , HARLIANSYAH , PATRICIA DIANA PRASETIYO , JON FARIZAL , ALENDRA CHAKRAMURTY , DEDY HERMANSYAH , ANANDIA PUTRIYUNI , HAPSARI GALIH SETYOWATI , dr. Marliana Nurprilinda, SpPA, MH, FISQua

2025
Book chapter nasional

Neoplasma

MUJI RAHAYU , HURIATUL MASDAR , NI PUTU WULAN PURNAMA SARI , NANA LIANA , META ZULYATI OKTORA , MARLIANA NURPRILINDA , DIAN YULIARTHA LESTARI , REBECCA NOERJANI ANGKA , YUNISA PAMELA , ADE TETI VANI , SITI NURKASANAH , BESSE HARDIANTI , SILPI HAMIDIYAH , EVY SURYANI ARODES , RAJA IQBAL MULYA HARAHAP , ALENDRA CHAKRAMURTY , MARIANA ASMANINGDIAH , DHONA AFRIZA , ANANDIA PUTRIYUNI , DEDY HERMANSYAH

2025
Artikel ilmiah

Characteristics and Clinical Outcomes of Pediatric Thyroid Nodules: An In-depth Analysis from a Single-Center Study in Indonesia

DEDY HERMANSYAH , KARINA SUGIH ARTO , ARIDAMURIANY DWIPUTRI LUBIS , Melda Deliana

2025
Buku referensi

Neoplasma

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2025
Buku referensi

Neoplasma

HURIATUL MASDAR , SITI NURKASANAH , NANA LIANA , META ZULYATI OKTORA , ADE TETI VANI , ANANDIA PUTRIYUNI , DEDY HERMANSYAH , DHONA AFRIZA , MARIANA ASMANINGDIAH , RAJA IQBAL MULYA HARAHAP , EVY SURYANI ARODES , SILPI HAMIDIYAH

2025
Prosiding seminar internasional

Comparison Of Neoadjuvant Antracycline-Based Chemotherapy Plus Calcium And Vitamin D To Neoadjuvant Antracycline-Based Chemotherapy Alone On Caspase-9 Expression In LABC Luminal B

NUR QODIR , LEGIRAN , DIDIT PRAMUDHITO , ZEN HAFY , DR. H.M. IRSAN SALEH , RAMZI AMIN , DEDY HERMANSYAH , BIMA INDRA , MUHAMMAD BAHARUL IMAN , PUTRI MAHIRAH AFLADHANTI , RAEHAN SATYA DEANASA , FARA SYAFIRA

2025
Jurnal internasional bereputasi

The Effectiveness and Adverse Events of Eribulin Monotherapy in Indonesian Metastatic Breast Cancer (MBC) Patients

NUR QODIR , PUTU ANDA TUSTA ADIPUTRA , DEDY HERMANSYAH , Kristina Maria Siswiandari , Dhian Hangesti , Walta Gautama

2025
Jurnal internasional bereputasi

The Effectiveness and Adverse Events of Eribulin Monotherapy in Indonesian Metastatic Breast Cancer (MBC) Patients

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2025
Book chapter internasional

Handling Global Health Problems with North Sumatra Local Wisdom

DEDY HERMANSYAH

2025
Jurnal internasional bereputasi

Hypoxia-conditioned mesenchymal stem cells (MSC) exosomes attenuate ultraviolet-B (UVB)-mediated malondialdehyde (MDA) and matrix metalloproteinase-1 (MMP)-1 upregulation in collagen loss models

EKO SETIAWAN , AGUNG PUTRA , SETYO TRISNADI , DEDY HERMANSYAH , TITIEK SUMARAWATI , NUR DINA AMALINA , JESSICA ANGELINA

2024
Jurnal internasional bereputasi

Unveiling Paclitaxel-Induced Mesenchymal Stem Cells: orchestrating Nrf2 Modulation and Apoptosis in CD44+/CD24- Cancer Stem Cells

DEDY HERMANSYAH

2024
Jurnal internasional bereputasi

Intercontinental Comparison of Immunohistochemical Subtypes Among Individuals With Breast Cancer in South-East Asia and South America: A Scoping Systematic Review and Meta-Analysis of Observational Studies

DEDY HERMANSYAH

2024
Jurnal internasional bereputasi

Synergistic effect of Curcuma longa extract in combination with Phyllanthus niruri extract in regulating Annexin A2, epidermal growth factor receptor, matrix metalloproteinasesÂ ...

DEDY HERMANSYAH

2024
Jurnal internasional bereputasi

Tamoxifen-associated Endometrial Cancer after Treatment in Young Premenopausal Women with Breast Cancer: A Case Report

ARVITAMURIANY TRIYANTHI LUBIS , DEDY HERMANSYAH , MUHAMMAD RIZKI YAZNIL

2024
Jurnal internasional bereputasi

Tamoxifen-associated Endometrial Cancer after Treatment in Young Premenopausal Women with Breast Cancer: A Case Report

DEDY HERMANSYAH

2023
Jurnal internasional bereputasi

Sociodemographic disparities associated with advanced stages and distant metastatic breast cancers at diagnosis in Indonesia: a cross-sectional study

Selamat Budijitno , SUMADI LUKMAN ANWAR , RADEN YOHANA , DESAK GEDE AGUNG SUPRABAWATI , SASONGKO HADIPRIYONO , BINTANG ABADI SIREGAR , KRISTANTO YULI YARSO , DEDY HERMANSYAH , WIRSMA ARIF HARAHAP , EFFIF SYOFRA TRIPRIADI , RAMSES INDRIAWAN , MULAWAN UMAR , GUNAWAN WIBISONO , I Gede Budhi Setyawan , Dian Kurnia , Deni J Purwanto , John Pieter , Walta Gautama , Dimyati Achmad

2023
Jurnal internasional bereputasi

Sociodemographic disparities associated with advanced stages and distant metastatic breast cancers at diagnosis in Indonesia: a cross-sectional study

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2023
Jurnal internasional bereputasi

Clinicopathological Characteristics of Patients with BRCA Mutation Breast Cancer in North Sumatera: Case Report

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2023
Jurnal internasional bereputasi

Evaluation of Axillary Lymph Node Recurrence and Adverse Effects of Sentinel Lymph Node Biopsy with Single Technique Methylene Blue 1%: A Case Series in Indonesia

DEDY HERMANSYAH

2023
Jurnal internasional

Evaluation of Axillary Lymph Node Recurrence and Adverse Effects of Sentinel Lymph Node Biopsy with Single Technique Methylene Blue 1%: A Case Series in Indonesia

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2023
Jurnal internasional bereputasi

Combination Curcuma longa and Phyllanthus niruri Extract Potentiate Antiproliferative in Triple Negative Breast Cancer MDAMB-231 Cells

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2023
Jurnal internasional bereputasi

Incidence of COVID-19 in cancer patients in a teaching hospital faculty of medicine in Medan, Indonesia

DEDY HERMANSYAH

2023
Jurnal internasional bereputasi

Clinicopathological Characteristics of Invasive Breast Carcinoma on PDL-1 Immunohistochemical Expression in H. Adam Malik Hospital Medan

DEDY HERMANSYAH

2022
Jurnal internasional bereputasi

The Synergistic Antitumor Effects of Curcuma longa and Phyllanthus niruri Extracts on Promoting Apoptotic Pathways in Breast Cancer Stem Cells: TJPS-2021-0122. R1

DEDY HERMANSYAH

2022
Jurnal internasional bereputasi

Cat-Scratch Lymphadenitis Presenting with Right Upper Arm and Axillary Masses: a Case Report Mimicking Lymphoma and Potential Diagnostic Pitfall

DEDY HERMANSYAH

2022
Jurnal internasional bereputasi

The Combination of CDK 4/6 Inhibitors plus Endocrine Treatment versus Endocrine Treatment Alone in Hormone-receptor (HR)-Positive breast Cancer: a Systematic Review and Meta-analysis

DEDY HERMANSYAH

2022
Jurnal internasional bereputasi

The Combination of CDK 4/6 Inhibitors plus Endocrine Treatment versus Endocrine Treatment Alone in Hormone-receptor (HR)-Positive breast Cancer: a Systematic Review and MetaÂ ...

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2022
Jurnal internasional bereputasi

Regulation of p53 and survivin by Curcuma longa extract to caspase-3 dependent apoptosis in triple negative breast cancer cells

DESIREE ANGGIA PARAMITA , DERYNE ANGGIA PARAMITA , DEDY HERMANSYAH

2022
Book chapter internasional

The Role of Breast Imaging in Pre-and Post-Definitive Treatment of Breast Cancer

DEDY HERMANSYAH

2022
Jurnal internasional bereputasi

Risk Factors of Colorectal Cancer Recurrence After Curative Resection Surgery: A Systematic Review and Meta-Analysis

DEDY HERMANSYAH

2022
Jurnal internasional bereputasi

Periareolar Incision for Resection of Bilateral Multiple Breast Fibroadenoma in 27-year-old Indonesian Woman â€“ A Case Report

DEDY HERMANSYAH

2022
Jurnal internasional bereputasi

Application of Bioinformatics Analysis to Identify Important Pathways and Hub Genes in Breast Cancer Affected by HER-2

DEDY HERMANSYAH

2022
Jurnal internasional bereputasi

The Accuracies of Fine-Needle Aspiration Biopsy without Ultrasound Guidance versus Frozen-Section Examination of Thyroid Nodule Diagnosis in Teaching Hospital Universitas Sumatera Utara: Single-Center Experience

DEDY HERMANSYAH

2022
Jurnal internasional bereputasi

Periareolar Incision for Resection of Bilateral Multiple Breast Fibroadenoma in 27-year-old Indonesian Woman–A Case Report

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2022
Jurnal internasional bereputasi

The Potential Use of Propolis as an Adjunctive Therapy in Breast Cancers

DEDY HERMANSYAH

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Jurnal internasional bereputasi

The Accuracies of Fine-Needle Aspiration Biopsy without Ultrasound Guidance versus Frozen-Section Examination of Thyroid Nodule Diagnosis in Teaching Hospital UniversitasÂ ...

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Jurnal internasional bereputasi

The Role of Plasma D-dimer Level Measurement to Assist Breast Cancer Histopathological Grading

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2022
Jurnal internasional bereputasi

Role of Hormonal Receptor in Predicting Sentinel Lymph Node Metastasis in Early Breast Cancer

DEDY HERMANSYAH

2021
Jurnal internasional bereputasi

Immunopotentiation of galangal (Alpinia galanga L.) when combined with T-cells against metastatic triple-negative breast cancer, MDA-MB 231

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2021
Jurnal internasional bereputasi

Immunopotentiation of galangal (Alpinia galanga L.) when combined with T-cells against metastatic triple-negative breast cancer, MDA-MB 231

ROHMAD YUDI UTOMO , EDY MEIYANTO , DEDY HERMANSYAH , AGUNG PUTRA , IFFAN ALIF , FARADIBA NUR AHLINA , Nadzifa Nugraheni

2021
Jurnal internasional bereputasi

Correlation between grading histopathology and sentinel lymph node metastasis in early breast cancer in university of sumatera utara hospital

DEDY HERMANSYAH

2021
Jurnal internasional bereputasi

CO-INCIDENCY OF COVID-19 IN CANCER PATIENTS ATRSUP H. ADAM MALIK AND USU GENERAL HOSPITAL MEDAN IN 2021

DEDY HERMANSYAH

2021
Jurnal nasional terakreditasi

Pengaruh kombinasi ekstrak kunyit (Curcuma longa) dan meniran (Phyllanthus niruri) terhadap apoptosis (CASPASE-3, P53, SURVIVIN) dan proliferasi (NF-KB) pada sel punca kankerÂ ...

DEDY HERMANSYAH

2021
Jurnal internasional bereputasi

Synergistic Effect of Curcuma longa Extract in Combination with Phyllanthus niruri Extract in Regulating Annexin A2, Epidermal Growth Factor Receptor, Matrix Metalloproteinases, and Pyruvate Kinase M1/2 Signaling Pathway on Breast Cancer Stem Cell

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2021
Jurnal nasional

Advance Malignant Phyllodes Tumor with Active Bleeding in Children: A Rare Case

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2021
Jurnal internasional bereputasi

Mesenchymal stem cells suppress TGF-β release to decrease α-SMA expression in ameliorating CCl4-induced liver fibrosis

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Jurnal internasional bereputasi

Mesenchymal Stem Cells Suppress TGF-Î² Release to Decrease Î±-SMA Expression in Ameliorating CCl4- Induced Liver Fibrosis

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2021
Jurnal nasional terakreditasi

Triple-Negative Breast Cancer Clinicopathology: A Single-Center Experience

DEDY HERMANSYAH

2020
Jurnal internasional bereputasi

Breast Cancer Patient Characeristics By Menarche In Adam Malik Hospital 2014-2017

DEDY HERMANSYAH

2019
Hasil penelitian/pemikiran yang tidak dipublikasikan

Accuracy of Methylene Blue Test as Single Technique for Sentinel Lymph

Node Biopsy in Early Stage Breast Cancer

DEDY HERMANSYAH

2017
Jurnal nasional terakreditasi

CD 105 as prognostic factors in advanced stage breast cancer patients

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2016
Hasil penelitian/pemikiran yang tidak dipublikasikan

CD 105 sebagai faktor prognostik pada pasien kanker payudara stadium lanjut= CD 105 as a prognostic factor for late stage breast cancer patients.

DEDY HERMANSYAH

2012
Buku lainnya

Angka Kejadian Kardiomiopati pada Penderita Karsinoma Payudara yang Mendapat Kemoterapi Doksorubisin pada Siklus ke Tiga dan Siklus ke Enam

DEDY HERMANSYAH

Researches

2025

Iatrogenic urothelial malignancy subsequent to adjuvant chemotherapy in breast oncology: A case report and brief review of the literature

DEWI INDAH SARI SIREGAR , ZAIMAH Z TALA , DEDY HERMANSYAH , SYAH MIRSYA WARLI , CAUSA TRISNA MARIEDINA , MUTIARA INDAH SARI , FAURISKI FEBRIAN PRAPISKA , DHIRAJAYA DHARMA KADAR , Ryan Ramon

2022

Pengaruh Kurkumin (curcuma longa) dalam meregulasi protein pro apoptosis (p53, Caspase 3) dan protein pro antiapoptosis (Survivin) pada kanker payudara triple negatif MDA-MB231 Invitro

DEDY HERMANSYAH , DESIREE ANGGIA PARAMITA , DERYNE ANGGIA PARAMITA

2022

Efek esktrak etanol Daun Belalai Gajah (Clinacanthus Nutans) Dan Penekanan Ekspresi Protein Akt Pada Sel Punca Kanker Payudara MDA-MB231

DEDY HERMANSYAH , ALDY SAFRUDDIN RAMBE , SITI SYARIFAH , Agung Putra

2022

Menakar potensi kombinasi ekstrak kurkumin (curcuma longa) dan meniran (phyllantus niruri) dalam meregulasi poliferasi dan apoptosis pada kanker payudara triple negatif in vitro

DEDY HERMANSYAH

2021

Pengaruh Kurkumin (curcuma longa) dalam meregulasi protein pro apoptosis (p53, Caspase 3) dan protein antiapoptosis (Survivin) pada kanker payudara triple negative MDA-MB231 In vitro

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Community Services

2025

Pengabdian Masyarakat

DEDY HERMANSYAH , RIZQI ARINI SIREGAR , GEMA NAZRI YANNI , CYNTHEA PRIMA DESTARIANI , KARINA SUGIH ARTO , M. FAIQ AKBAR DALLMER

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PATOLOGI ANATOMI
DEDY HERMANSYAH

2026
Hasil penelitian/pemikiran yang tidak dipublikasikan
Forum Diskusi Analisis Efektivitas Biaya Terapi Adjuvan pada Pasien HR-positive, HER2-negative Early Breast Cancer (EBC) yang Mendapatkan Terapi Ribociclib dalam Kombinasi dengan Aromatase Inhibitor (AI)”
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BIOLOGI MOLEKULER DAN GENETIKA MANUSIA
VINCENTIA ADE RIZKY , AYU PUSPITASARI , INSANI FITRAHULIL JANNAH , DEDY HERMANSYAH , WIMPY , MARLIANA NURPRILINDA , MUHAMMAD RIZKI SAPUTRA , ENIKARMILA ASNI , YUNISA PAMELA , DEBIE ANGGRAINI , CITRA MANELA , NOFRI RAHMADIKA , Besse Hardianti , dan lainnya

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2025
Hak cipta nasional
Neoplasma
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2023
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Pengaruh Kombinasi Ekstrak Kunyit (Curcuma Longa) Dan Meniran (Phyllanthus Niruri) Terhadap Apoptosis (Caspase-3, P53,Survivin) Dan Proliferasi (NF-kB) Pada Sel Punca Kanker Payudara (CD44+/CD24-) MDA-MB231 In Vitro
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2023
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Buku Ajar Kanker Tiroid
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2021
Paten nasional
Sediaan Kapsul Kombinasi Ekstrak Kunyit (Curcuma Longa) dan Meniran (Phyllantus Niruri) Untuk Mengontrol Sel Punca Kanker Payudara MDA-MB 231 Secara In Vitro
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2026
Hasil penelitian/pemikiran yang tidak dipublikasikan
Bukti Sebagai Reviewer Journal Indonesian Journal of Cancer
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2026

Hasil penelitian/pemikiran yang tidak dipublikasikan

Bukti Sebagai Reviewer Journal of Cancer Research and Therapeutics

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2026

Hasil penelitian/pemikiran yang tidak dipublikasikan

Bukti Sebagai Reviewer Journal of Stem Cells and Regenerative Medicine

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