Supplementary Online Content


eAppendix. The Age-Related Eye Disease Study 2 (AREDS2) Research Group

eTable 1. Baseline Characteristics of AREDS and AREDS2 Participants Free of Late AMD in Both Eyes at Baseline

eTable 2. Percent Developing Late AMD in 5 Years in the AREDS and AREDS2, Both Eyes Free of Late AMD at Baseline

eTable 3. 5-Year Rates of Late AMD and (for Eyes That Did Not Progress to Late AMD) Rates of Progression From Scale Steps 1 to 6 to Step 7 or 8 or to Step 9, Right and Left Eyes Combined, of AREDS2 Participants Free of Late AMD in Both Eyes at Baseline

eTable 4. 5-Year Rates of Late AMD (and for Eyes That Did Not Progress to Late AMD) Rates of Progression From Scale Steps 1 to 6 to Step 7 or 8 or to Step 9, Right and Left Eyes Combined, of AREDS2 Participants With Neovascular AMD in the Fellow Eye at Baseline

eTable 5. Combined Data From AREDS and AREDS2 (Based on Table 2 of the Article)

This supplementary material has been provided by the authors to give readers additional information about their work.
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Reagan H. Bradford, Jr., MD, (Ophthalmologist)
Robert E. Leonard II, MD, (Ophthalmologist)
Sonny Icks (Clinic Coordinator)
Vanessa Bergman (Ophthalmic Technician)
Brittany Ross (Ophthalmic Technician)
Russ Burnis (Photographer)
Amanda Butt (Photographer)
Rob Richmond (Photographer)

(048) Northwestern University, Ophthalmology
Alice Lyon, MD, (Site PI)
Manjot Gill, MD, (Ophthalmologist)
Lee Jampol, MD, (Ophthalmologist)
Rukhsana Mizra, MD, (Ophthalmologist)
Zuzanna Rozenbagier (Clinic Coordinator)
Jeremy Chapman (Assistant Coordinator)
Lori Kamienski (Assistant Coordinator)
Andrea Degillio (Photographer)
Evica Simjanoski, CRA, (Photographer)

(049) Ophthalmic Consultants of Boston
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Jeffrey Heier, MD, (Site PI)
Hyung Cho, MD, (Ophthalmologist)
Tina Scheuflle Cleary, MD, (Ophthalmologist)
Darin Goldman, MD, (Ophthalmologist)
Chirag Shah, MD, (Ophthalmologist)
Trexler Topping, MD, (Ophthalmologist)
Marissa Weber, MD, (Ophthalmologist)
Torsten Wiegand, MD, PhD, (Ophthalmologist)
Jeremy Schindelheim (Clinic Coordinator)
Joy Bankert (Assistant Coordinator)
Jennifer Stone (Assistant Coordinator)
Alison Nowak (Office Manager)
Sandy Chong (Ophthalmic Technician)
Lindsay Williams (Ophthalmic Technician)
Steven Bennett (Photographer)
Dennis Donovan (Photographer)
Margaret Graham (Photographer)
Cullen Jones (Photographer)

(050) Pacific Eye Associates
Anne Fung, MD, (Site PI)
Jan-Kristine Bayabo (Clinic Coordinator)
Razelda Bosch (Assistant Coordinator)
Esperanza Cruz (Assistant Coordinator)
Ashley Emerson (Assistant Coordinator)
Alycia Fleming (Ophthalmic Technician)
Denice Barsness (Photographer)
Jorge Rodriguez (Photographer)
Marina Soboleva (Photographer)

(051) Penn State M.S. Hershey Medical Center
Ingrid U. Scott, MD, MPH, (Site PI)
Esther Bowie, MD, (Ophthalmologist)
Kimberly A Neely, MD, PhD, (Ophthalmologist)
David A. Quillen, MD, (Ophthalmologist)
Laura Walter (Clinic Coordinator)
Timothy Bennett (Photographer)
James Strong (Photographer)

(052) Palmetto Retina Center
John Wells, III, MD, (Site PI)
Lloyd Clark, MD, (Ophthalmologist)
David Johnson, MD, (Ophthalmologist)
Peggy Miller (Clinic Coordinator)
Mallie Taylor (Assistant Coordinator)
Tiffany Swinford (Ophthalmic Technician)
Robbin Spivey (Photographer)

(053) Pennsylvania Retina Specialists, PC
Michael Banach, MD, (Site PI)
Lawrence Ho, MD, (Ophthalmologist)
Richard Lanning, MD, (Ophthalmologist)
Thomas R Pheasant, MD, (Ophthalmologist)
Jay G Prensky, MD, (Ophthalmologist)
Steven Truong, MD, (Ophthalmologist)
Julia Teatsworth, COT, (Clinic Coordinator)
Michelle Dietrich (Assistant Coordinator)
Ann Wasilus (Phlebotomist)
Ann Miller (Ophthalmic Technician)
Megan Rakes (Ophthalmic Technician)
Teresa Slagle (Ophthalmic Technician)
Michelle Richards (Photographer)
Patricia Schuessler (Photographer)
Lacy Stover (Photographer)

(054) Retina Consultants, PLLC
Paul Beer, MD, (Site PI)
Naomi S. Falk, MD, (Ophthalmologist)
Mary Beth Shannon (Clinic Coordinator)
Jeannie Olmeda (Ophthalmic Technician)
Don Berdeen (Photographer)
Joseph F. Fisher, Jr. (Photographer)

(055) University of Iowa
James Folk, MD, (Site PI)
Stephen Russell, MD, (Ophthalmologist)
Barbara Taylor (Clinic Coordinator)
Connie Hinz (Assistant Coordinator)
Jean Walshire (Assistant Coordinator)
Heather Stockman (Ophthalmic Technician)
Bruce Critser (Photographer)
Stefani Karakas (Photographer)
Cindy Montague (Photographer)
Randy Verdick (Photographer)

(056) Wills Eye Hospital/Mid Atlantic Retina
Omesh Gupta, MD, (Site PI)
Joseph Maguire, MD, (Site PI)
Christopher Brady, MD, (Ophthalmologist)
Francis Char DeCroos, MD, (Ophthalmologist)
Michael Dollin, MD, (Ophthalmologist)
Sunir Garg, MD, (Ophthalmologist)
Adam Gerstenblith, MD, (Ophthalmologist)
Julia Haller, MD, (Ophthalmologist)
Allen C. Ho, MD, (Ophthalmologist)
Jason Hsu, MD, (Ophthalmologist)
Richard Kaiser, MD, (Ophthalmologist)
John Pitcher, MD, (Ophthalmologist)
Carl Regillo, MD, (Ophthalmologist)
Rajiv Shah, MD, (Ophthalmologist)
Marc Spirn, MD, (Ophthalmologist)
William Tasman, MD, (Ophthalmologist)
James Vander, MD, (Ophthalmologist)
Noga Senderowitz (Clinic Coordinator)
Michele Formoso (Assistant Coordinator)
Michelle Markun (Assistant Coordinator)
Cedric George
Christina Centinaro (Ophthalmic Technician)
Lisa Grande (Ophthalmic Technician)
Stefanie Carey (Photographer)
Elaine Liebenbaum (Photographer)

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(057) Doheny Eye Institute USC
SriniVas Sadda, MD, (Site PI)
Mark Humayun, MD, PhD, (Ophthalmologist)
Rachel Sierra (Clinic Coordinator)
Elizabeth Corona (Assistant Coordinator)
Margaret Padilla (Assistant Coordinator)
Moonseok Nu (Office Manager)
Sylvia Ramos (Ophthalmic Technician)
Cullen Barnett (Photographer)
Glenn Currie (Photographer)
Cornelia Gottlieb (Photographer)

(058) The Retina Group of Washington
Richard Garfinkel, MD, (Site PI)
Daniel Berinstein, MD, (Ophthalmologist)
Marcus Colyer, MD, (Ophthalmologist)
William Deegan, III, MD, (Ophthalmologist)
Michael Min-Shyue Lai, MD, (Ophthalmologist)
Robert Murphy, MD, (Ophthalmologist)
Michael Osman, MD, (Ophthalmologist)
Michael Rivers, MD, (Ophthalmologist)
Reginald Sanders, MD, (Ophthalmologist)
Manfred A. von Fricken, MD, (Ophthalmologist)
Debbie Oliver (Clinic Coordinator)
Jeanne Kirshon (Assistant Coordinator)
Tanya Alexander Snowden (Assistant Coordinator)
Thomas Blondo (Ophthalmic Technician)
Alysia Cronise (Ophthalmic Technician)
Vanessa Denny (Ophthalmic Technician)
Kylie Mendez (Ophthalmic Technician)
Janine Newgen (Ophthalmic Technician)
Justin Davis (Photographer)
Mike Flory (Photographer)
Robert Frantz (Photographer)
Bryan Murphy (Photographer)
Steve Rauch (Photographer)

(060) The Medical College of Wisconsin
Judy E. Kim, MD, (Site PI)
Jane Bachman, OD, (Ophthalmologist)
Thomas B. Connor, Jr., MD, (Ophthalmologist)
Dennis P. Han, MD, (Ophthalmologist)
Kimberly Stepian, MD, (Ophthalmologist)
David V. Weinberg, MD, (Ophthalmologist)
William J. Wiirstko, MD, (Ophthalmologist)
Krissa Packard (Clinic Coordinator)
Tracy Kaczanowski (Assistant Coordinator)
Vesper Williams (Assistant Coordinator)
Vicki Barwick (Ophthalmic Technician)
Judy Flanders (Ophthalmic Technician)
Dennis Backes (Photographer)
Joe Beringer (Photographer)
Kristy Keller (Photographer)
Kathy Selchert (Photographer)

(061) John Moran Eye Center

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Paul Bernstein, MD, PhD, (Site PI)
Michael Teske, MD, (Ophthalmologist)
Albert Vitale, MD, (Ophthalmologist)
Susan Allman, COA, (Clinic Coordinator)
Bonnie Carlstrom COA (Assistant Coordinator)
Kimberley Wegner (Assistant Coordinator)
Anne Haroldsen (Office Manager)
Deborah Harrison, MS, (Office Manager)
Cyrie Fry (Photographer)
James Gilman, CRA, (Photographer)
Glen Jenkins (Photographer)
Paula Morris, CRA, (Photographer)

(063) Loma Linda University
Michael Rauser, MD, (Site PI)
Joseph Fan, MD, (Ophthalmologist)
Mukesh Suthar, MD, (Ophthalmologist)
Gisela Santiago (Clinic Coordinator)
Kara Rollins Halsey (Assistant Coordinator)
Christy Quesada (Assistant Coordinator)
William Kiernan, OD, (Ophthalmic Technician)
Jesse Knabb (Photographer)

(064) Baylor College of Medicine
Richard Alan Lewis, MD, MS, (Site PI)
Cindy Dorenbach, COT, (Clinic Coordinator)
Steven Spencer, COMT, (Ophthalmic Technician)
Dana Barnett (Photographer)
Joseph Morales, CRA, (Photographer)

(066) Carolina Retina Center
Barron C. Fishburne, MD, (Site PI)
Jeffrey G. Gross, MD, (Ophthalmologist)
Michael A. Magee, MD, (Ophthalmologist)
Amy Flowers (Clinic Coordinator)
Angie McDowell (Ophthalmic Technician)
Randall Price (Photographer)

(067) Case Western Reserve University
Suber Huang, MD, MBA, (Site PI)
Johnny Tang, MD, (Ophthalmologist)
Shawn Wilker, MD, (Ophthalmologist)
Cherie Hornsby (Clinic Coordinator)
Lisa Ferguson (Assistant Coordinator)
Kirk Krogstad (Assistant Coordinator)
Riva Adamovsky (Ophthalmic Technician)
Peggy Allchin (Ophthalmic Technician)
Kathleen Carlton (Ophthalmic Technician)
Claudia Clow (Ophthalmic Technician)
Kelly Sholtis (Ophthalmic Technician)
Stephanie Burke (Photographer)
Mark Harrod (Photographer)
Stacie Hrvatin (Photographer)
Geoffrey Pankhurst (Photographer)

(069) Eye Foundation of Kansas City
Jennifer Dupont  (Clinic Coordinator)
Elizabeth Perotti  (Assistant Coordinator)
Victoria Donaldson (Ophthalmic Technician)
Kenneth Fong  (Photographer)
Pamela Ossorio  (Photographer)

(081) Vanderbilt Eye Institute
Anita Agarwal, MD, (Site PI)
Paul Sternberg, MD, (Ophthalmologist)
Sandy Owings  (Clinic Coordinator)
Tony Adkins  (Photographer)
Elaine Lok  (Photographer)
Garvin Munn  (Photographer)
Buddy Skellie  (Photographer)

(082) UMDNJ
Neelakshi Bhagat, MD,MPH, (Site PI)
Monique S. Roy, MD, (Ophthalmologist)
Marco Zarbin, MD, PhD, (Ophthalmologist)
Catherine Fay  (Clinic Coordinator)
Michael Lazar  (Photographer)
Beth Malpica  (Photographer)
Tatiana Mikheyav  (Photographer)

(084) The University of Illinois
Lawrence Ulanski II, MD, (Site PI)
Jennifer Lim, MD, (Ophthalmologist)
Marcia Niec, BS CCRP,  (Clinic Coordinator)
Tametha Johnson (Ophthalmic Technician)
Yesenia Ovando (Ophthalmic Technician)
Catherine Nail Carroll  (Photographer)
Mark Janowicz  (Photographer)

(085) Jules Stein Eye Institute
Steven Schwartz, MD, (Site PI)
David Cupp, MD, (Ophthalmologist)
Michael Gorin, MD, PhD, (Ophthalmologist)
Gad Heilweil, MD, (Ophthalmologist)
Hamid Hosseini, MD, (Ophthalmologist)
Jean-Pierre Hubschman, MD, (Ophthalmologist)
Allan Kreiger, MD, (Ophthalmologist)
Tara Young McCannel, MD, (Ophthalmologist)
Carolyn Pan, MD, (Ophthalmologist)
David Sarraf, MD, (Ophthalmologist)
Irena Tsui, MD, (Ophthalmologist)
Joshua Udoetek MD(Ophthalmologist)
Vinad Voleti, MD, (Ophthalmologist)
Logan Hitchcock  (Clinic Coordinator)
Rosaleen Ostrick  (Assistant Coordinator)
Melissa Chun, OD, (Ophthalmic Technician)
Jennie Kageyama, OD, (Ophthalmic Technician)
Nilo Davila  (Photographer)
Kristin Lipka  (Photographer)
Christina Shin  (Pharmacist)

(086) Univ. of Alabama at Birmingham
Cynthia Owsley, PhD, (Site PI)
Michael Albert, Jr., MD, (Ophthalmologist)
Richard Feist, MD, (Ophthalmologist)
John Mason, MD, (Ophthalmologist)
Martin Thomley, MD, (Ophthalmologist)
Angelia Johnson (Clinic Coordinator)
Mark Clark (Assistant Coordinator)
Tracy Emond (Assistant Coordinator)
Joanna Hamela (Assistant Coordinator)
Angela Marsh (Office Manager)
Karen Searcey (Office Manager)
Kia Rookard (Ophthalmic Technician)

(087) UT Southwestern Medical Center
Yu-Guang He, MD, (Site PI)
Rafael L. Ufret-Vincenty, MD, (Ophthalmologist)
Mike Molai (Clinic Coordinator)
William Anderson (Photographer)
John Horna (Photographer)

(088) Ohio State University
Alan Letson, MD, (Site PI)
Colleen Cebulla, MD,PhD, (Ophthalmologist)
Susie Chang, MD, (Ophthalmologist)
Fred Davidorf, MD, (Ophthalmologist)
Jill Salerno (Clinic Coordinator)
Laura Sladoje (Office Manager)
Christina Stetson (Office Manager)
Jeri Perry (Ophthalmic Technician)
Scott Savage (Photographer)

(089) Duke University
Cynthia Toth, MD, (Site PI)
Glenn Jaffe, MD, (Ophthalmologist)
Stefanie Schuman, MD, (Ophthalmologist)
Neeru Sarin, MBBS, (Clinic Coordinator)
Jim Crowell (Photographer)
Tiffanie Keaton (Photographer)
Michael Kelly (Photographer)
Brian Lutman (Photographer)
Marriner Skelly (Photographer)
Lauren Welch (Photographer)

(090) University of California, Davis
Lawrence Morse, MD, PhD, (Site PI)
Allan Hunter, MD, (Ophthalmologist)
Susanna Soon-Chun Park MD, PhD (Ophthalmologist)
Cynthia Wallace (Clinic Coordinator)
Ember Dhillon (Assistant Coordinator)
Marisa Salvador (Assistant Coordinator)
Barbara Holderreed (Office Manager)
Karishma Chandra (Photographer)
Sashi Kaur (Photographer)
Ellen Redenbo (Photographer)
Smiley Hom (Pharmacist)
(091) Manhattan Eye, Ear and Throat Hospital
Michael Cooney, MD, (Site PI)
Irene Barbazetto, MD, (Ophthalmologist)
James M. Klancnik, Jr., MD, (Ophthalmologist)
John A. Sorenson, MD, (Ophthalmologist)
Lawrence Yannuzzi, MD, (Ophthalmologist)
Maria Scolaro (Clinic Coordinator)
Eugene Agresta (Photographer)
Nancy Gonzalez (Photographer)

(092) University of Florida
Sandeep Grover, MD, (Site PI)
K.V. Chalam, MD,PhD, (Ophthalmologist)
Shailesh Gupta, MD, (Ophthalmologist)
Christopher Lyons (Clinic Coordinator)
Wenhua Li (Assistant Coordinator)
Chirag Patel, MD, (Assistant Coordinator)
Jose Carrion (Photographer)

(093) Shiley Eye Center - UCSD
Henry Ferreyra, MD, (Site PI)
Amberly Rodriguez (Clinic Coordinator)
Iliana Molina (Assistant Coordinator)
Gabriel Balea (Photographer)
Pam Emory (Photographer)
Marlene Rico (Photographer)
Giorgio Siqueiros (Photographer)

(094) Scheie Eye Institute
Alexander J. Brucker, MD, (Site PI)
Joshua Dunaief, MD, (Ophthalmologist)
Juan Grunwald, MD, (Ophthalmologist)
Benjamin Kim, MD, (Ophthalmologist)
Albert M. Maguire, MD, (Ophthalmologist)
Brian VanderBeek, MD, (Ophthalmologist)
Sheri Drossner, MSW, (Clinic Coordinator)
Joan DuPont (Assistant Coordinator)
Rebecca Salvo (Assistant Coordinator)
Jim Berger (Photographer)
Cheryl Devine (Photographer)
Bill Nyberg (Photographer)
Laurel Weeney (Photographer)

(095) University of Rochester Eye Institute
David DiLoreto, MD, (Site PI)
Mina Chung, MD, (Ophthalmologist)
Valerie Davis (Clinic Coordinator)
Peter MacDowell (Assistant Coordinator)
George O Gara (Assistant Coordinator)
Daniel Castillo (Ophthalmic Technician)
Andrea Czubinski (Ophthalmic Technician)
Melissa Kein (Ophthalmic Technician)
Brandi Hardy (Photographer)
Rachel Grunhaus Hollar (Photographer)
Lynn Schueckler (Photographer)

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NorthShore University HealthSystems
Alice T. Lyon, MD, (Site PI)
Aaron Weinberg, MD, Site Co-PI
Mira Shiloach (Clinic Coordinator)
Nicole Pelkofer (Ophthalmic Technician)
Qin Zhou (Ophthalmic Technician)
Laura McPoland (Photographer)

Washington University School of Medicine
Rajendra Apte, MD, PhD, (Site PI)
P. Kumar Rao, MD, (Ophthalmologist)
Sam Pistorius (Clinic Coordinator)
Jamie Kambarian (Assistant Coordinator)
Eve Adcock (Ophthalmic Technician)
Sarah Gould (Ophthalmic Technician)
Melanie Quinn (Ophthalmic Technician)
Rhonda Curtis (Photographer)
Amy Frost (Photographer)
Charla Meyer (Photographer)
Greg Rathert (Photographer)

Data Safety & Monitoring Committee
Janet Wittes, PhD (chair), Statistics Collaborative
Alan F. Cruess MD FRCSC, Dalhousie University
Maureen G. Maguire, PhD, University of Pennsylvania
Susan T. Mayne, PhD, Yale University
Scott D. Solomon, MD, Harvard Medical School
Alison Wichman, MD, National Institutes of Health
C. Pat Wilkinson, MD, Greater Baltimore Medical Center

Centers for Disease Control (CDC)
Rosemary L Schleicher, PhD, Lead Investigator, Fat-soluble Vitamins & Fatty Acids Supervisor
Mary M Kimberly, PhD, Lipids Supervisor
Kathleen L Caldwell, PhD, Zinc & Copper Supervisor
Madhulika Chaudhary-Webb, MS, Fat-soluble Vitamins Team Lead
Carissa D Powers, BS, Fatty Acids Team Lead
Pamela G Olive, MT(ASCP), Lipids Analyst
Shelton Stribling, BS, Lipids Analyst
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Graylin Mitchell, MS, Zinc & Copper Analyst
Ron Albalak, MS, Zinc & Copper Analyst
Elizabeth C Pendergrast, MT(ASCP), Fat-soluble Vitamins & Fatty Acids Analyst
Shahzad S Momin, BS, Fatty Acids Analyst

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<td>&lt;55</td>
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<td>55-64</td>
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<td>499</td>
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<td>70-79</td>
<td>1070</td>
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<td>448</td>
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<td><strong>Right eyes</strong></td>
<td>N=3212</td>
<td>N=2720</td>
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<td>Drusen area†</td>
<td></td>
<td></td>
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<tr>
<td>None, Questionable (Q), &lt;C-0, &lt;C-1</td>
<td>1522</td>
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<td>38</td>
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<tr>
<td>≥C-1, &lt;C-2</td>
<td>463</td>
<td>14.4%</td>
<td>57</td>
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<tr>
<td>≥C-2, &lt;I-2</td>
<td>315</td>
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<td>≥I-2, &lt;O-2</td>
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<td>≥O-2, &lt;0.5DA</td>
<td>186</td>
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<td>≥0.5DA, &lt;1.0DA</td>
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<td>≥1.0DA</td>
<td>303</td>
<td>9.4%</td>
<td>1150</td>
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<tr>
<td>Maximum drusen size*</td>
<td></td>
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<tr>
<td>None</td>
<td>155</td>
<td>4.8%</td>
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<tr>
<td>Questionable (Q)</td>
<td>91</td>
<td>2.8%</td>
<td>5</td>
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<tr>
<td>&lt;C-0 (&lt;63 um)</td>
<td>1249</td>
<td>38.9%</td>
<td>16</td>
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<tr>
<td>≥C-0, &lt;C-1 (&gt;=63, &lt;124 um)</td>
<td>713</td>
<td>22.2%</td>
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</tr>
<tr>
<td>≥C-1, &lt;C-2 (&gt;=125, &lt;249 um)</td>
<td>603</td>
<td>18.8%</td>
<td>1145</td>
<td>42.1%</td>
</tr>
<tr>
<td>≥C-2 (&gt;=250um)</td>
<td>401</td>
<td>12.5%</td>
<td>1420</td>
<td>52.2%</td>
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<tr>
<td>Predominance of soft indistinct drusen*</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Absent</td>
<td>2003</td>
<td>62.4%</td>
<td>61</td>
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<tr>
<td>Questionable</td>
<td>205</td>
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<tr>
<td>Present, not predominant</td>
<td>136</td>
<td>4.2%</td>
<td>839</td>
<td>30.8%</td>
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<tr>
<td>Predominant in 1 of 3 zones</td>
<td>430</td>
<td>13.4%</td>
<td>123</td>
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<tr>
<td>Predominant in 2 of 3 zones</td>
<td>335</td>
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<td>242</td>
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<tr>
<td>Predominant in 3 of 3 zones</td>
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<tr>
<td>Area of increased pigmentation*</td>
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<td>None</td>
<td>2464</td>
<td>76.7%</td>
<td>821</td>
<td>30.2%</td>
</tr>
<tr>
<td>Q</td>
<td>66</td>
<td>2.0%</td>
<td>87</td>
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<tr>
<td>&gt;Q, &lt;C-2</td>
<td>484</td>
<td>15.1%</td>
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<tr>
<td>≥C-2</td>
<td>198</td>
<td>6.2%</td>
<td>728</td>
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<tr>
<td>Area of depigmentation/presence of GA*</td>
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<tr>
<td>Depigmentation</td>
<td></td>
<td></td>
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<tr>
<td>None</td>
<td>2793</td>
<td>87.0%</td>
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<tr>
<td>Questionable (Q)</td>
<td>117</td>
<td>3.6%</td>
<td>101</td>
<td>3.7%</td>
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<tr>
<td>&gt;Q, &lt;I-2</td>
<td>88</td>
<td>2.7%</td>
<td>233</td>
<td>8.6%</td>
</tr>
<tr>
<td>≥I-2, &lt;0.5DA</td>
<td>131</td>
<td>4.1%</td>
<td>285</td>
<td>10.5%</td>
</tr>
<tr>
<td>≥0.5DA</td>
<td>48</td>
<td>1.5%</td>
<td>87</td>
<td>3.2%</td>
</tr>
<tr>
<td>Area of increased/decreased pigment or presence of GA*</td>
<td>None</td>
<td>Increased pigmentation≥Q and/or depigmentation &lt;I-2</td>
<td>Depigmentation ≥I-2, &lt;0.5DA</td>
<td>Depigmentation ≥0.5DA</td>
</tr>
<tr>
<td>-----------------------------------------------------</td>
<td>------</td>
<td>------------------------------------------------------</td>
<td>-----------------------------</td>
<td>----------------------</td>
</tr>
<tr>
<td>None</td>
<td>2412</td>
<td>586</td>
<td>131</td>
<td>48</td>
</tr>
<tr>
<td>Increased pigmentation≥Q and/or depigmentation &lt;I-2</td>
<td>75.1</td>
<td>18.2</td>
<td>4.1</td>
<td>1.5</td>
</tr>
<tr>
<td>Depigmentation ≥I-2, &lt;0.5DA</td>
<td>795</td>
<td>1324</td>
<td>300</td>
<td>95</td>
</tr>
<tr>
<td>Depigmentation ≥0.5DA</td>
<td>29.2</td>
<td>48.7</td>
<td>11.0</td>
<td>3.5</td>
</tr>
</tbody>
</table>

* p<.0001, comparing the AREDS2 and AREDS distributions

† C-0, C-1, C-2, I-2, and O-2 are standard circles used in fundus photograph gradings. They have diameters of 63, 125, 250, 354, and 650 µm, respectively. DA: disc area.
eTable 2. Percent Developing Late AMD in 5 Years in the AREDS and AREDS2, Both Eyes Free of Late AMD at Baseline

<table>
<thead>
<tr>
<th></th>
<th>AREDS</th>
<th>AREDS2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Right eyes</strong></td>
<td>x/n</td>
<td>%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>200/3212</td>
<td>6.2</td>
</tr>
<tr>
<td><strong>Drusen area</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>None, Q, &lt;C-0, &lt;C1</td>
<td>9/1522</td>
<td>0.6</td>
</tr>
<tr>
<td>≥C-1, &lt;C-2</td>
<td>11/463</td>
<td>2.4</td>
</tr>
<tr>
<td>≥C-2, &lt;I-2</td>
<td>13/315</td>
<td>4.1</td>
</tr>
<tr>
<td>≥I-2, &lt;O-2</td>
<td>19/259</td>
<td>7.3</td>
</tr>
<tr>
<td>≥O-2, &lt;0.5DA</td>
<td>26/186</td>
<td>14.0</td>
</tr>
<tr>
<td>≥0.5DA, &lt;1.0DA</td>
<td>42/164</td>
<td>25.6</td>
</tr>
<tr>
<td>≥1.0DA</td>
<td>80/303</td>
<td>26.4</td>
</tr>
<tr>
<td><strong>Maximum drusen size</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>None</td>
<td>0/155</td>
<td>0</td>
</tr>
<tr>
<td>Q</td>
<td>1/91</td>
<td>1.1</td>
</tr>
<tr>
<td>&lt;C-0 (&lt;63 um)</td>
<td>5/1249</td>
<td>0.4</td>
</tr>
<tr>
<td>≥C-0, &lt;C-1 (=63, &lt;124 um)</td>
<td>27/713</td>
<td>3.8</td>
</tr>
<tr>
<td>≥C-1, &lt;C-2 (=125, &lt;249 um)</td>
<td>65/603</td>
<td>10.8</td>
</tr>
<tr>
<td>≥C-2 (&gt;=250um)</td>
<td>102/401</td>
<td>25.4</td>
</tr>
<tr>
<td><strong>Predominance of soft indistinct drusen</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Absent</td>
<td>28/2003</td>
<td>1.4</td>
</tr>
<tr>
<td>Questionable</td>
<td>23/205</td>
<td></td>
</tr>
<tr>
<td>Present, not predominant</td>
<td>9/136</td>
<td>6.6</td>
</tr>
<tr>
<td>Predominant in 1 of 3 zones</td>
<td>38/430</td>
<td>8.8</td>
</tr>
<tr>
<td>Predominant in 2 of 3 zones</td>
<td>48/335</td>
<td>14.3</td>
</tr>
<tr>
<td>Predominant in 3 of 3 zones</td>
<td>77/308</td>
<td>25.0</td>
</tr>
<tr>
<td><strong>Area of increased pigmentation</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>None</td>
<td>48/2464</td>
<td>1.9</td>
</tr>
<tr>
<td>Q</td>
<td>10/66</td>
<td>15.2</td>
</tr>
<tr>
<td>&gt;Q, &lt;C-2</td>
<td>79/484</td>
<td>16.3</td>
</tr>
<tr>
<td>≥C-2</td>
<td>63/198</td>
<td>31.8</td>
</tr>
<tr>
<td><strong>Area of depigmentation/presence of GA</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Depigmentation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>None</td>
<td>105/2793</td>
<td>3.8</td>
</tr>
<tr>
<td>Q</td>
<td>10/117</td>
<td>8.5</td>
</tr>
<tr>
<td>&gt;Q, &lt;I-2</td>
<td>11/88</td>
<td>12.5</td>
</tr>
<tr>
<td>≥I-2, &lt;0.5DA</td>
<td>32/131</td>
<td>24.4</td>
</tr>
<tr>
<td>≥0.5DA</td>
<td>25/48</td>
<td>52.1</td>
</tr>
<tr>
<td>GA</td>
<td>17/35</td>
<td>48.6</td>
</tr>
<tr>
<td><strong>Area of increased/decreased pigment or presence of GA</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>None</td>
<td>38/2412</td>
<td>1.6</td>
</tr>
<tr>
<td>Increased pigmentation&gt;=Q and/or depigmentation &lt;I-2</td>
<td>88/586</td>
<td>15.0</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Depigmentation ≥</th>
<th>-2, &lt;0.5DA</th>
<th>32/131</th>
<th>24.4</th>
<th>114/300</th>
<th>38.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depigmentation ≥0.5DA</td>
<td>25/48</td>
<td>52.1</td>
<td>52/95</td>
<td>54.7</td>
<td></td>
</tr>
<tr>
<td>GA</td>
<td>17/35</td>
<td>48.6</td>
<td>68/106</td>
<td>64.2</td>
<td></td>
</tr>
</tbody>
</table>
eTable 3. 5-Year Rates of Late AMD and (for Eyes That Did Not Progress to Late AMD) Rates of Progression From Scale Steps 1 to 6 to Step 7 or 8 or to Step 9, Right and Left Eyes Combined, of AREDS2 Participants Free of Late AMD in Both Eyes at Baseline

<table>
<thead>
<tr>
<th>Step</th>
<th>No. at risk</th>
<th>No. at risk Step 7 or 8</th>
<th>No. at risk Step 9</th>
<th>Neovascular AMD (only)</th>
<th>Central GA (only)</th>
<th>Neovascular AMD, central GA, or both*</th>
</tr>
</thead>
<tbody>
<tr>
<td>1, 2, 3</td>
<td>206</td>
<td>12 (5.8%)</td>
<td>0 (0%)</td>
<td>4 (1.9%)</td>
<td>1 (0.5%)</td>
<td>5 (2.4%)</td>
</tr>
<tr>
<td>4</td>
<td>323</td>
<td>66 (20.4%)</td>
<td>6 (1.8%)</td>
<td>11 (3.4%)</td>
<td>5 (1.5%)</td>
<td>21 (6.5%)</td>
</tr>
<tr>
<td>5</td>
<td>591</td>
<td>324 (54.8%)</td>
<td>13 (2.2%)</td>
<td>29 (4.9%)</td>
<td>6 (1.0%)</td>
<td>47 (8.0%)</td>
</tr>
<tr>
<td>6</td>
<td>1354</td>
<td>1117 (82.5%)</td>
<td>63 (4.6%)</td>
<td>100 (7.4%)</td>
<td>47 (3.5%)</td>
<td>174 (12.8%)</td>
</tr>
<tr>
<td>7</td>
<td>2145</td>
<td>N.A.</td>
<td>293 (13.6%)</td>
<td>298 (13.9%)</td>
<td>226 (10.5%)</td>
<td>563 (26.2%)</td>
</tr>
<tr>
<td>8</td>
<td>1354</td>
<td>N.A.</td>
<td>184 (33.2%)</td>
<td>88 (15.9%)</td>
<td>157 (28.3%)</td>
<td>257 (46.4%)</td>
</tr>
<tr>
<td>9</td>
<td>219</td>
<td>N.A.</td>
<td>N.A.</td>
<td>32 (14.6%)</td>
<td>104 (47.5%)</td>
<td>134 (61.2%)</td>
</tr>
<tr>
<td>Total</td>
<td>5392</td>
<td>1519 (61.4%)</td>
<td>559 (10.8%)</td>
<td>562 (10.4%)</td>
<td>546 (10.1%)</td>
<td>1201 (22.3%)</td>
</tr>
</tbody>
</table>

*Includes those with neovascular AMD who had missing information for central GA, and also those with central GA who had missing information for neovascular AMD.
eTable 4. 5-Year Rates of Late AMD (and for Eyes That Did Not Progress to Late AMD) Rates of Progression From Scale Steps 1 to 6 to Step 7 or 8 or to Step 9, Right and Left Eyes Combined, of AREDS2 Participants With Neovascular AMD in the Fellow Eye at Baseline

<table>
<thead>
<tr>
<th>Step</th>
<th>No. at risk</th>
<th>No.</th>
<th>%</th>
<th>No.</th>
<th>%</th>
<th>No.</th>
<th>%</th>
<th>No.</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Step 7 or 8</td>
<td>Step 9</td>
<td>Neovascular AMD (only)</td>
<td>Central GA (only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1, 2, 3</td>
<td>65</td>
<td>3</td>
<td>4.6</td>
<td>1</td>
<td>1.5</td>
<td>9</td>
<td>13.8</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>4</td>
<td>93</td>
<td>16</td>
<td>17.2</td>
<td>3</td>
<td>3.2</td>
<td>16</td>
<td>17.2</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>5</td>
<td>147</td>
<td>77</td>
<td>52.4</td>
<td>4</td>
<td>2.7</td>
<td>46</td>
<td>31.3</td>
<td>5</td>
<td>3.4</td>
</tr>
<tr>
<td>6</td>
<td>306</td>
<td>214</td>
<td>69.9</td>
<td>23</td>
<td>7.5</td>
<td>100</td>
<td>32.7</td>
<td>10</td>
<td>3.3</td>
</tr>
<tr>
<td>7</td>
<td>522</td>
<td>N.A.</td>
<td>-</td>
<td>68</td>
<td>13.0</td>
<td>210</td>
<td>40.2</td>
<td>45</td>
<td>8.6</td>
</tr>
<tr>
<td>8</td>
<td>226</td>
<td>N.A.</td>
<td>-</td>
<td>33</td>
<td>14.6</td>
<td>70</td>
<td>31.0</td>
<td>60</td>
<td>26.5</td>
</tr>
<tr>
<td>9</td>
<td>131</td>
<td>N.A.</td>
<td>-</td>
<td>N.A.</td>
<td>-</td>
<td>26</td>
<td>19.8</td>
<td>72</td>
<td>55.0</td>
</tr>
<tr>
<td>Total</td>
<td>1490</td>
<td>310</td>
<td>50.7</td>
<td>132</td>
<td>9.7</td>
<td>477</td>
<td>32.0</td>
<td>192</td>
<td>12.9</td>
</tr>
</tbody>
</table>
# eTable 5. Combined Data From AREDS and AREDS2 (Based on Table 2 of the Article)

<table>
<thead>
<tr>
<th>AREDS detailed severity scale score</th>
<th>No. at risk</th>
<th>No. developing late AMD in 5 yrs</th>
<th>% developing late AMD in 5 yrs</th>
<th>Lower 95% CL</th>
<th>Upper 95% CL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-3</td>
<td>2836</td>
<td>18</td>
<td>0.63</td>
<td>0.34</td>
<td>0.93</td>
</tr>
<tr>
<td>4</td>
<td>830</td>
<td>46</td>
<td>5.54</td>
<td>3.98</td>
<td>7.10</td>
</tr>
<tr>
<td>5</td>
<td>863</td>
<td>63</td>
<td>7.30</td>
<td>5.56</td>
<td>9.04</td>
</tr>
<tr>
<td>6</td>
<td>1729</td>
<td>228</td>
<td>13.19</td>
<td>11.59</td>
<td>14.78</td>
</tr>
<tr>
<td>7</td>
<td>2512</td>
<td>673</td>
<td>26.79</td>
<td>25.06</td>
<td>28.52</td>
</tr>
<tr>
<td>8</td>
<td>702</td>
<td>326</td>
<td>46.44</td>
<td>42.75</td>
<td>50.13</td>
</tr>
<tr>
<td>9 (non-central GA)</td>
<td>270</td>
<td>163</td>
<td>60.37</td>
<td>54.54</td>
<td>66.20</td>
</tr>
</tbody>
</table>