

Stem cell type	Month 3 of fallow up	Month 6 of fallow up	Month 12 of fallow up
total	Study ID SMD (95% CI) Trivedi, H. L. (2008) -1.29 (-2.68, 0.10) Snarski, E. (2011) -3.67 (-5.34, -1.99) Carlsson, P. O. (2015) 0.41 (-0.53, 1.34) Vanikar, A. V. (2010) -1.25 (-2.20, -0.31) Mespleas, Alejandro Daniel (2007) -3.06 (-4.27, -1.85) Li, L. (2012) -1.20 (-2.04, -0.36) Dave, SD (2013) -0.65 (-1.41, 0.11) Voltairelli, J. C. (2007) -2.44 (-3.40, -1.48) Hu, J. X. (2013) -0.82 (-1.57, -0.07) Ghoshal, M. (2015) -0.20 (-0.89, 0.50) Cantu-Rodriguez, O. G. (2016) -0.46 (-1.17, 0.24) Gu WQ (2010) -2.68 (-3.59, -1.77) Gu, B (2017) -2.62 (-3.48, -1.77) Thakkar, U. G. (2015) -0.84 (-1.48, -0.19) Cal, J. Q. (2016) -0.75 (-1.38, -0.12) Estefani, E. N. (2015) -1.90 (-2.60, -1.20) Court, Carlos EB (2009) 0.39 (-0.18, 0.96) Haller, Michael J (2011) -3.18 (-3.98, -2.38) Gu, W. (2012) -0.14 (-0.47, 0.19) Tootsee, A. (2015) -0.14 (-0.47, 0.19) Overall (I-squared = 88.3%, p = 0.000) NOTE: Weights are from random effects analysis	Study ID SMD (95% CI) Snarski, E. (2011) -3.10 (-4.91, -1.29) Vanikar, A. V. (2010) -1.80 (-2.99, -0.61) Zhang, X. (2012) -2.86 (-4.21, -1.50) Mespleas, Alejandro Daniel (2007) -2.58 (-3.68, -1.47) Li, L. (2012) -1.20 (-2.04, -0.36) Voltairelli, J. C. (2007) -3.30 (-4.44, -2.16) Dave, SD (2013) -0.96 (-1.77, -0.19) Hu, J. X. (2013) -1.36 (-2.15, -0.56) Ghoshal, M. (2015) 0.20 (-0.90, 0.89) Cantu-Rodriguez, O. G. (2016) -0.53 (-1.24, 0.17) Gu WQ (2010) -2.30 (-3.15, -1.45) Gu, B (2017) -2.48 (-3.31, -1.65) Thakkar, U. G. (2015) -0.91 (-1.54, -0.41) Cal, J. Q. (2016) -0.89 (-1.29, 1.49) Court, Carlos EB (2009) -1.66 (-2.33, -0.98) Gu, W. (2012) -3.11 (-3.90, -2.31) Tootsee, A. (2015) -0.06 (-0.39, 0.27) Overall (I-squared = 90.2%, p = 0.000) NOTE: Weights are from random effects analysis	Study ID SMD (95% CI) Vanikar, A. V. (2010) -2.89 (-4.23, -0.95) Zhang, X. (2012) -2.87 (-3.98, -1.38) Carlsson, P. O. (2015) 0.60 (-0.92, 0.92) Voltairelli, J. C. (2007) -3.31 (-4.63, -2.08) Li, L. (2012) -1.02 (-1.85, -0.20) Levi, A. M. (2012) -7.51 (-9.77, -5.25) Geopon, A. (2014) 0.20 (-0.54, 0.94) Ghoshal, M. (2015) 0.27 (-0.42, 0.97) Gu WQ (2010) -1.85 (-2.84, -1.07) Gu, B (2017) -2.16 (-3.03, -1.29) Thakkar, U. G. (2015) -1.49 (-2.19, -0.79) Court, Carlos EB (2009) -1.36 (-2.02, -0.70) Snarski, E. (2011) -1.56 (-2.19, -0.91) Haller, Michael J (2011) 1.48 (0.84, 2.13) Gu, W. (2012) -2.79 (-3.65, -2.03) Tootsee, A. (2015) 0.29 (-0.03, 0.62) D'Addio, F. (2014) -15.50 (-17.48, -13.52) Overall (I-squared = 95.7%, p = 0.000) NOTE: Weights are from random effects analysis
HSC	Study ID SMD (95% CI) Snarski, E. (2011) -3.67 (-5.34, -1.99) Mespleas, Alejandro Daniel (2007) -3.06 (-4.27, -1.85) Li, L. (2012) -1.20 (-2.04, -0.36) Voltairelli, J. C. (2007) -2.44 (-3.40, -1.48) Ghoshal, M. (2015) -0.20 (-0.89, 0.50) Cantu-Rodriguez, O. G. (2016) -0.46 (-1.17, 0.24) Gu WQ (2010) -2.68 (-3.59, -1.77) Gu, B (2017) -2.62 (-3.48, -1.77) Court, Carlos EB (2009) -1.90 (-2.60, -1.20) Haller, Michael J (2011) 0.39 (-0.18, 0.96) Gu, W. (2012) -3.18 (-3.98, -2.38) Tootsee, A. (2015) -0.14 (-0.47, 0.19) Overall (I-squared = 92.5%, p = 0.000) NOTE: Weights are from random effects analysis	Study ID SMD (95% CI) Snarski, E. (2011) -3.10 (-4.91, -1.29) Zhang, X. (2012) -2.86 (-4.21, -1.50) Mespleas, Alejandro Daniel (2007) -2.58 (-3.68, -1.47) Li, L. (2012) -1.20 (-2.04, -0.36) Voltairelli, J. C. (2007) -3.30 (-4.44, -2.16) Ghoshal, M. (2015) 0.20 (-0.90, 0.89) Cantu-Rodriguez, O. G. (2016) -0.53 (-1.24, 0.17) Gu WQ (2010) -2.30 (-3.15, -1.45) Gu, B (2017) -2.48 (-3.31, -1.65) Haller, Michael J (2011) 0.89 (0.29, 1.49) Court, Carlos EB (2009) -1.66 (-2.33, -0.98) Gu, W. (2012) -3.11 (-3.90, -2.31) Tootsee, A. (2015) -0.06 (-0.39, 0.27) Overall (I-squared = 92.9%, p = 0.000) NOTE: Weights are from random effects analysis	Study ID SMD (95% CI) Zhang, X. (2012) -2.67 (-3.98, -1.36) Voltairelli, J. C. (2007) -3.31 (-4.63, -2.08) Li, L. (2012) -1.02 (-1.85, -0.20) Levi, A. M. (2012) -7.51 (-9.77, -5.25) Geopon, A. (2014) 0.20 (-0.54, 0.94) Ghoshal, M. (2015) 0.27 (-0.42, 0.97) Gu WQ (2010) -1.85 (-2.84, -1.07) Ye, L. (2017) -2.11 (-2.93, -1.28) Gu, B (2017) -2.16 (-3.04, -1.37) Court, Carlos EB (2009) -1.36 (-2.02, -0.70) Snarski, E. (2011) -1.48 (-2.14, -0.81) Haller, Michael J (2011) 1.48 (0.84, 2.13) Gu, W. (2012) -2.79 (-3.65, -2.03) Tootsee, A. (2015) 0.29 (-0.03, 0.62) D'Addio, F. (2014) -15.50 (-17.48, -13.52) Overall (I-squared = 96.6%, p = 0.000) NOTE: Weights are from random effects analysis
MSC	Study ID SMD (95% CI) Carlsson, P. O. (2015) 0.41 (-0.53, 1.34) Hu, J. X. (2013) -0.82 (-1.57, -0.07) Estefani, E. N. (2015) -0.18 (-0.73, 0.43) Overall (I-squared = 53.1%, p = 0.119) NOTE: Weights are from random effects analysis		Study ID SMD (95% CI) Vanikar, A. V. (2010) -2.89 (-4.23, -0.95) Dave, SD (2013) -1.88 (-2.84, -1.00) Thakkar, U. G. (2015) -1.08 (-1.74, -0.41) Cal, J. Q. (2016) -0.91 (-1.54, -0.27) Overall (I-squared = 100%, p = 0.000) NOTE: Weights are from random effects analysis
HSC+MSC	Study ID SMD (95% CI) Trivedi, H. L. (2008) -1.29 (-2.68, 0.10) Vanikar, A. V. (2010) -1.25 (-2.20, -0.31) Dave, SD (2013) -0.65 (-1.41, 0.11) Thakkar, U. G. (2015) -0.84 (-1.48, -0.19) Cal, J. Q. (2016) -0.75 (-1.38, -0.12) Overall (I-squared = 0.0%, p = 0.836) NOTE: Weights are from random effects analysis	Study ID SMD (95% CI) Vanikar, A. V. (2010) -1.80 (-2.99, -0.61) Dave, SD (2013) -0.96 (-1.77, -0.19) Thakkar, U. G. (2015) -1.08 (-1.74, -0.41) Cal, J. Q. (2016) -0.91 (-1.54, -0.27) Overall (I-squared = 0.0%, p = 0.622) NOTE: Weights are from random effects analysis	Study ID SMD (95% CI) Vanikar, A. V. (2010) -2.89 (-4.23, -0.95) Dave, SD (2013) -1.88 (-2.84, -1.00) Thakkar, U. G. (2015) -1.08 (-1.74, -0.41) Cal, J. Q. (2016) -0.91 (-1.54, -0.27) Overall (I-squared = 100%, p = 0.000) NOTE: Weights are from random effects analysis