

## Bölüm 28

### DERMATOLOJİK HASTALIKLAR



Alper İLERİ<sup>1</sup>

Gebelikte dermatolojik değişiklikler sık izlenir. Gebeliğe spesifik dört dermatoz bulunmaktadır. Bunlar intrahepatik kolestaz, pemfigoid gestasyonalis, gebeliğin atopik erüpsiyonu (gebelik egzaması, gebelik prurigosu, gebeliğin perüritik folliküli) ve gebeliğin pruritik ürtikeryal papül ve plaklarıdır.

#### |PEMFIGÖİD GESTASYONALİS

Pemfigoid gestasyonalis (PG), immünolojik ve klinik olarak büllöz cilt bozukluklarına benzeyen, gebelikle ilişkili nadir bir otoimmün cilt hastalığıdır. PG daha önce herpes gestasyonalis olarak adlandırılmış ancak herpes virüsü enfeksiyonu ile ilişkili olmadığı gösterilmiştir. Görülme sıklığının yaklaşık 60.000 gebelikte 1 olduğu tahmin edilmektedir (1). Hastalık dünya çapında bir dağılım gösterir ve etnik köken farklılıkları yoktur (2, 3). PG esas olarak gebeliğin ikinci veya üçüncü trimesterindeki multipar kadınları etkiler, ancak ilk trimester veya postpartum dönemde de başladığını bildirilmiştir (4, 5). İngiltere’de PG tanılı kadınları içeren bir vaka serisinde 117 gebelikte, PG’nin başlangıç zamanı gebeliğin 5 haftasından postpartum 35 güne kadar değişmektedir. 117 gebeliğin 21’i (% 17,9) ilk trimesterde, 40’ı (% 34,2) ikinci trimesterde ve 40’ı (% 34,2) üçüncü trimesterde ortaya çıkarken, 16’sında (% 13,7) doğum sonrası lezyonlar izlenmiştir (4, 6). Sonraki gebeliklerde nüks yaygın izlenir, genellikle daha şiddetlidir ve semptomlar erken başlar (6, 7).

<sup>1</sup> Op. Dr., SBÜ İzmir Tepecik Eğitim ve Araştırma Hastanesi, alper\_ileri@hotmail.com

## KAYNAKLAR

1. Shornick JK, Bangert JL, Freeman RG, Gilliam JN. Herpes gestationis: clinical and histologic features of twenty-eight cases. *J Am Acad Dermatol* 1983;8 2: 214-224.
2. Ambros-Rudolph CM, pregnant patients. J Am Müllegger RR, Vaughan-Jones SA, Kerl H, Black MM. The specific dermatoses of pregnancy revisited and reclassified: results of a retrospective two-center study on 505 *Acad Dermatol* 2006;54 3: 395-404.
3. Nanda A, Dvorak R, Al-Saeed K, Al-Sabah H, Alsaleh QA. Spectrum of autoimmune bullous diseases in Kuwait. *Int J Dermatol* 2004;43 12: 876-881.
4. Jenkins RE, Hern S, Black MM. Clinical features and management of 87 patients with pemphigoid gestationis. *Clin Exp Dermatol* 1999;24 4: 255-259.
5. Mokni M, Fourati M, Karoui I, El Euch D, Cherif F, Ben Tekaya N et al. [Pemphigoid gestationis: a study of 20 cases]. *Ann Dermatol Venereol* 2004;131 11: 953-956.
6. Ambros-Rudolph CM. Dermatoses of pregnancy - clues to diagnosis, fetal risk and therapy. *Ann Dermatol* 2011;23 3: 265-275.
7. Tani N, Kimura Y, Koga H, Kawakami T, Ohata C, Ishii N et al. Clinical and immunological profiles of 25 patients with pemphigoid gestationis. *Br J Dermatol* 2015;172 1: 120-129.
8. Patel F, Wilken R, Patel FB, Sultani H, Bustos I, Duong C et al. Pathophysiology of Autoimmune Bullous Diseases: Nature Versus Nurture. *Indian J Dermatol* 2017;62 3: 262-267.
9. Powell AM, Sakuma-Oyama Y, Oyama N, Black MM. Collagen XVII/BP180: a collagenous transmembrane protein and component of the dermoepidermal anchoring complex. *Clin Exp Dermatol* 2005;30 6: 682-687.
10. Roth MM. Pregnancy dermatoses: diagnosis, management, and controversies. *Am J Clin Dermatol* 2011;12 1: 25-41.
11. Hallaji Z, Mortazavi H, Ashtari S, Nikoo A, Abdollahi M, Nasimi M. Pemphigoid gestationis: Clinical and histologic features of twenty-three patients. *Int J Womens Dermatol* 2017;3 2: 86-90.
12. Al-Saif F, Elisa A, Al-Homidy A, Al-Ageel A, Al-Mubarak M. Retrospective analysis of pemphigoid gestationis in 32 Saudi patients - Clinicopathological features and a literature review. *J Reprod Immunol* 2016;116: 42-45.
13. Vaughan Jones SA, Hern S, Nelson-Piercy C, Seed PT, Black MM. A prospective study of 200 women with dermatoses of pregnancy correlating clinical findings with hormonal and immunopathological profiles. *Br J Dermatol* 1999;141 1: 71-81.
14. Intong LR, Murrell DF. Pemphigoid gestationis: pathogenesis and clinical features. *Dermatol Clin* 2011;29 3: 447-452, ix.
15. Lipozenčić J, Ljubojevic S, Bukvić-Mokos Z. Pemphigoid gestationis. *Clin Dermatol* 2012;30 1: 51-55.
16. Sitaru C, Powell J, Messer G, Bröcker EB, Wojnarowska F, Zillikens D. Immunoblotting and enzyme-linked immunosorbent assay for the diagnosis of pemphigoid gestationis. *Obstet Gynecol* 2004;103 4: 757-763.
17. Powell AM, Sakuma-Oyama Y, Oyama N, Albert S, Bhogal B, Kaneko F et al. Usefulness of BP180 NC16a enzyme-linked immunosorbent assay in the serodiagnosis of pemphigoid gestationis and in differentiating between pemphigoid gestationis and pruritic urticarial papules and plaques of pregnancy. *Arch Dermatol* 2005;141 6: 705-710.
18. Wöhrl S, Geusau A, Karlhofer F, Derfler K, Stingl G, Zillikens D. Pemphigoid gestationis: treatment with immunoadsorption. *J Dtsch Dermatol Ges* 2003;1 2: 126-130.
19. Kreuter A, Harati A, Breuckmann F, Appelhans C, Altmeyer P. Intravenous immune globulin in the treatment of persistent pemphigoid gestationis. *J Am Acad Dermatol* 2004;51 6: 1027-1028.

20. Semkova K, Black M. Pemphigoid gestationis: current insights into pathogenesis and treatment. *Eur J Obstet Gynecol Reprod Biol* 2009;145 2: 138-144.
21. Chi CC, Wang SH, Charles-Holmes R, Ambros-Rudolph C, Powell J, Jenkins R et al. Pemphigoid gestationis: early onset and blister formation are associated with adverse pregnancy outcomes. *Br J Dermatol* 2009;160 6: 1222-1228.
22. Shornick JK, Black MM. Fetal risks in herpes gestationis. *J Am Acad Dermatol* 1992;26 1: 63-68.
23. De G, De G. Pruritic urticarial papules and plaques of pregnancy: an unusual case. *J Am Osteopath Assoc* 2002;102 1: 44-46.
24. Lawley TJ, Hertz KC, Wade TR, Ackerman AB, Katz SI. Pruritic urticarial papules and plaques of pregnancy. *Jama* 1979;241 16: 1696-1699.
25. Aronson IK, Bond S, Fiedler VC, Vomvouras S, Gruber D, Ruiz C. Pruritic urticarial papules and plaques of pregnancy: clinical and immunopathologic observations in 57 patients. *J Am Acad Dermatol* 1998;39 6: 933-939.
26. Cohen LM, Capeless EL, Krusinski PA, Maloney ME. Pruritic urticarial papules and plaques of pregnancy and its relationship to maternal-fetal weight gain and twin pregnancy. *Arch Dermatol* 1989;125 11: 1534-1536.
27. Yancey KB, Hall RP, Lawley TJ. Pruritic urticarial papules and plaques of pregnancy. Clinical experience in twenty-five patients. *J Am Acad Dermatol* 1984;10 3: 473-480.
28. Callen JP, Hanno R. Pruritic urticarial papules and plaques of pregnancy (PUPPP). A clinicopathologic study. *J Am Acad Dermatol* 1981;5 4: 401-405.
29. Alcalay J, Ingber A, Kafri B, Segal J, Kaufmann H, Hazaz B et al. Hormonal evaluation and autoimmune background in pruritic urticarial papules and plaques of pregnancy. *Am J Obstet Gynecol* 1988;158 2: 417-420.
30. Catanzarite V, Quirk JG, Jr. Papular dermatoses of pregnancy. *Clin Obstet Gynecol* 1990;33 4: 754-758.
31. Kemmett D, Tidman MJ. The influence of the menstrual cycle and pregnancy on atopic dermatitis. *Br J Dermatol* 1991;125 1: 59-61.
32. Saito S, Sakai M, Sasaki Y, Tanebe K, Tsuda H, Michimata T. Quantitative analysis of peripheral blood Th0, Th1, Th2 and the Th1:Th2 cell ratio during normal human pregnancy and preeclampsia. *Clin Exp Immunol* 1999;117 3: 550-555.
33. Czeizel AE, Rockenbauer M. Population-based case-control study of teratogenic potential of corticosteroids. *Teratology* 1997;56 5: 335-340.
34. Nurse DS. Prurigo of pregnancy. *Australas J Dermatol* 1968;9 3: 258-267.
35. Roger D, Vaillant L, Fignon A, Pierre F, Bacq Y, Brechot JF et al. Specific pruritic diseases of pregnancy. A prospective study of 3192 pregnant women. *Arch Dermatol* 1994;130 6: 734-739.
36. Bos JD. Reappraisal of dermatoses of pregnancy. *Lancet* 1999;354 9185: 1140.
37. Kroumpouzou G, Cohen LM. Pruritic folliculitis of pregnancy. *J Am Acad Dermatol* 2000;43 1 Pt 1: 132-134.
38. Wilkinson SM, Buckler H, Wilkinson N, O'Driscoll J, Roberts MM. Androgen levels in pruritic folliculitis of pregnancy. *Clin Exp Dermatol* 1995;20 3: 234-236.
39. Zoberman E, Farmer ER. Pruritic folliculitis of pregnancy. *Arch Dermatol* 1981;117 1: 20-22.
40. Fox GN. Pruritic folliculitis of pregnancy. *Am Fam Physician* 1989;39 3: 189-193.
41. Reed J, George S. Pruritic folliculitis of pregnancy treated with narrowband (TL-01) ultraviolet B phototherapy. *Br J Dermatol* 1999;141 1: 177-179.
42. Al-Fares SI, Jones SV, Black MM. The specific dermatoses of pregnancy: a re-appraisal. *J Eur Acad Dermatol Venereol* 2001;15 3: 197-206.
43. Roth MM, Cristodor P, Kroumpouzou G. Prurigo, pruritic folliculitis, and atopic eruption of pregnancy: Facts and controversies. *Clin Dermatol* 2016;34 3: 392-400.

44. Kenyon AP, Piercy CN, Girling J, Williamson C, Tribe RM, Shennan AH. Pruritus may precede abnormal liver function tests in pregnant women with obstetric cholestasis: a longitudinal analysis. *Bjog* 2001;108 11: 1190-1192.
45. Geenes V, Chappell LC, Seed PT, Steer PJ, Knight M, Williamson C. Association of severe intrahepatic cholestasis of pregnancy with adverse pregnancy outcomes: a prospective population-based case-control study. *Hepatology* 2014;59 4: 1482-1491.
46. Fisk NM, Storey GN. Fetal outcome in obstetric cholestasis. *Br J Obstet Gynaecol* 1988;95 11: 1137-1143.
47. Laatikainen T, Tulenheimo A. Maternal serum bile acid levels and fetal distress in cholestasis of pregnancy. *Int J Gynaecol Obstet* 1984;22 2: 91-94.
48. Lee RH, Kwok KM, Ingles S, Wilson ML, Mullin P, Incerpi M et al. Pregnancy outcomes during an era of aggressive management for intrahepatic cholestasis of pregnancy. *Am J Perinatol* 2008;25 6: 341-345.