

BAB VII

KESIMPULAN DAN SARAN

VII.1. Kesimpulan

Pada penelitian ini dapat disimpulkan bahwa pasta cangkang telur ayam ras (*gallus sp*) 40% dan 35% secara signifikan dapat meningkatkan ekspresi TGF- β 1 dibandingkan kalsium hidroksida.

VII.2. Saran

1. Perlu dilakukan penelitian pada cangkang telur ayam ras (*gallus sp*) terhadap ekspresi dari TGF- β 1 dengan metode kualitatif seperti metode ELISA.
2. Perlu dilakukan penelitian lanjutan dengan menggunakan nano partikel cangkang telur ayam ras (*Gallus sp*).

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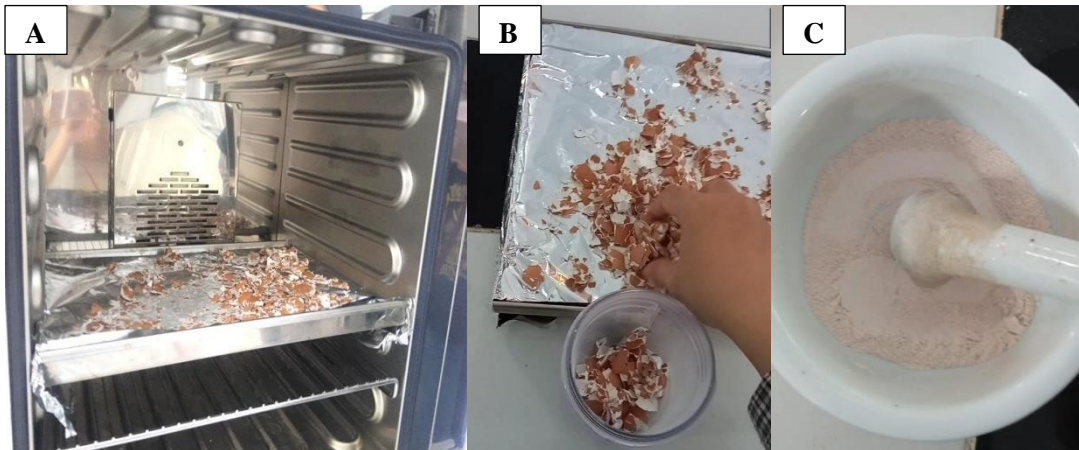
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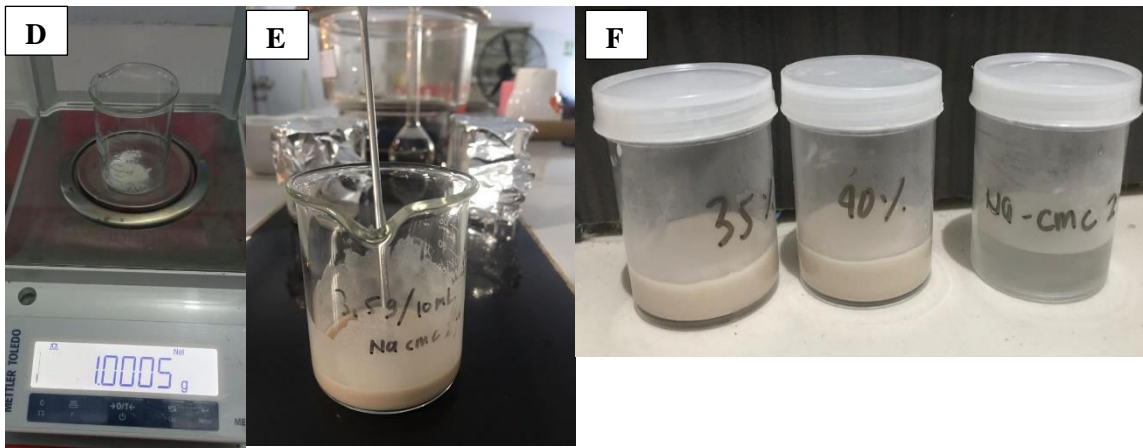
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LAMPIRAN

TAHAP PEMBUATAN SEDIAAN PASTA CANGKANG

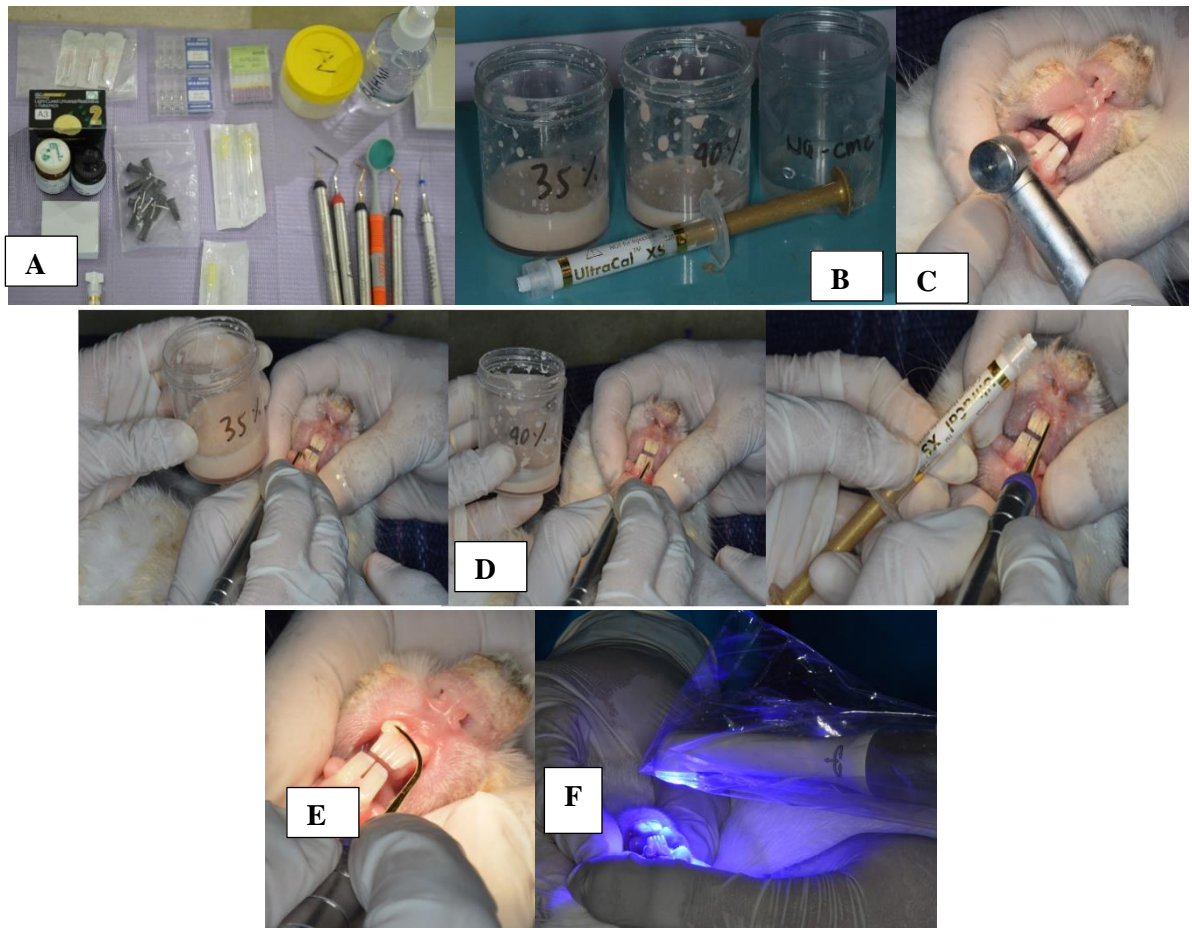


- D. Proses Kalsinasi cangkang telur pada suhu 110°C selama 12 jam
- E. Proses penghancuran cangkang telur dengan blender
- F. Proses penghalusan dengan menggunakan mortar



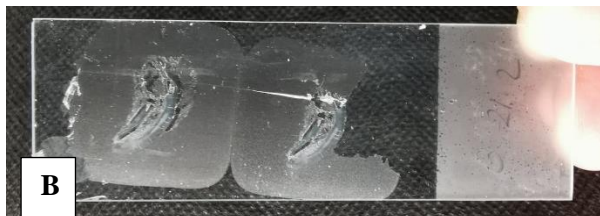
- A. Proses menimbang jumlah cangkang telur disesuaikan dengan konsentrasi yang diinginkan
- B. Penambahan larutan Na CMC (Carboxy Methyl Cellulosum Natricum)
- C. Sediaan pasta cangkang telur 35% dan 40%

TAHAP PERLAKUAN HEWAN COBA



- A. Persiapan alat dan bahan
- B. Bahan yang akan diaplikasikan sebagai kontrol positif, kontrol negatif, pasta 35% dan 40%
- C. Pembuatan kavitas pada gigi kelinci menggunakan bur dengan *high speed*
- D. Pengaplikasian bahan coba
- E. Menutup kavitas dengan RMGIC
- F. Proses light cure RMGIC

PROSES PEMERIKSAAN PASCA PERLAKUAN



- A. Proses pengambilan rahang dan pemisahan gigi
- B. Proses pembuatan slide prepare
- C. Sediaan slide prepare setiap sampel